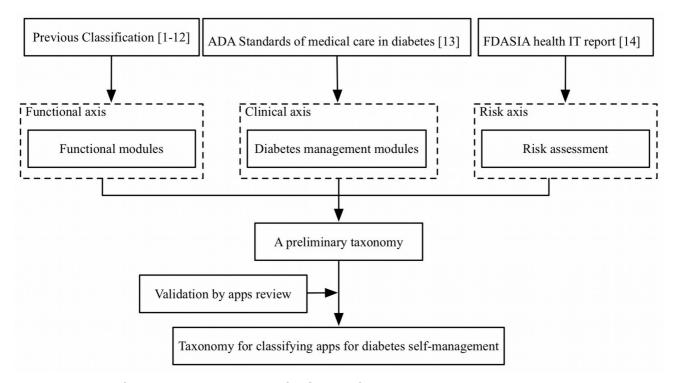
Multimedia Appendix 1 Taxonomy development and validation

A Flow chart of taxonomy development



ADA, American Diabetes Associations. FDA, Food and Drug Administration.

B Review of previous classifications of mobile health technology for diabetes management

Author	Review	Classification	Functionalities	Our judgements			
year				Functional consideration	Clinical	Risk	Comments
					consideration	assessment	
De Ridder	34 studies	Incentive-driven	Education, reminder, feedback, social, alert,	Education, reminder, feedback,	-	-	Without clinical
2016 [1]		technologies	gasification, financial	social, alert, gamification,			consideration and risk
		(IDTs)		financial			assessment;
							Broad definition of
							functionalities without
							descriptive details;
Basilico	41 apps in	Features	Blood glucose/medication/nutrition/activity log,	log, data representation/delivery,	Blood glucose,	-	Without risk assessment;
2016 [2]	Apple US		data representation/delivery, insulin calculator,	insulin calculator, community	medication,		
	store		community support	support	nutrition, activity		
Riazi 2015	67 studies	Interventions	Telephone coaching, clinical decision support	Telehealth coaching and	Insulin	-	Without risk assessment;
[3]			system, electronic medical record, distance	education, CDSS, PHR			Without systematic clinical
			learning, computerized insulin dose adjustment,				consideration in each
			personal health record, mobile health/short				functionality (ie, education);
			message service, telemedicine/telehealth				Broad definition of
			summation				functionalities without
							descriptive details (eg, short
							message service);
							Duplicated functionalities;
Williams	20 apps	Features and	Blood glucose recording/annotation, activity	Recording and log, data	Blood glucose,	-	Without risk assessment;
2015[4]		functionalities	logs, data exportation/uploading, connect directly	transmission, connection,	activity,		
			with a glucometer, reminder to take medications	reminder	medication		
			or check blood glucose				
Lewis 2014	-	Functionalities	Low risk and pose minimal risk to patients if	Education, communication with	BMI, medication	Low risk, harm,	Broad definition without

[5]		and risks	misused: BMI calculator, patient education,	healthcare providers, CDSS,		significant risk,	descriptive details of
			accessing PHR, access guidelines, formulary;	diagnose		major harm	functionalities;
			Cause harm if used inappropriately or without				Without systematic clinical
			adequate training: inter professional consultation				consideration in each
			and referral, drug conversion apps, entering				functionality (ie, education,
			treatment requests;				CDSS, diagnose);
			Significant risk to patients due to either inherent				Unclear boundary between
			complexity functionality or potential for harm if				different risk levels;
			misuse: diagnostic support apps, patient decision				Unclear definition of
			apps, medical calculators;				misuse;
			Apps pose significant risk to patients due to				Not based on
			combination of inherent complexity, functionality				comprehensive apps or
			and potential for major harm if misused: clinical				studies review;
			decision support tools, control devices;				
El-Gayar	71 apps and	Functions	Blood glucose, medication, diet, physical	Track, education, communication,	Blood glucose,	-	Without risk assessment;
2013[6]	16 studies		exercise, education, weight, blood pressure,	PHR, decision support, data entry	medication, diet,		Without systematic clinical
			communication, PHR, decision support, data	automation, security, social	physical exercise,		consideration in each
			entry automation, security, social networking	networking	weight, blood		functionality (ie, education,
					pressure		decision support);
El-Gayar	104 studies	Technology and	Internet: sending glucose level, medication and	Data transmission, data,	Glucose,	-	Without risk assessment;
2013[7]		functionality	diet information; enquiring; accessing of personal	visualising, automation, PHR,	medication, diet		Without systematic clinical
			electronic medical record, data visualising;	education, feedback,			consideration in each
			education; feedback;	communication with clinicians,			functionality (ie, education,
			Phone: uploading the glucose level; messaging	DSS on self-management, CDSS			feedback, DSS, CDSS);
			the clinicians; self-management decision support;	on regimen			Duplicated functionalities
			automatic glucose level upload;				due to categorised by
			Decision support: real-time feedback; insulin and				technology (ie, the internet,
			medication regimen; integrated with patient's				phone, and decision

			medical record; Telemedicine: video conferencing with clinicians; uploading and transmitting data; receiving feedback				support);
Arsand	10 apps	Functions	Automatic BG data transfer, educational SMS,	Data transmission, education,	Blood glucose,	-	Without risk assessment;
2012[8]			mobile diary, diary integration with HC	diary, communication with	physical exercise,		Without systematic clinical
			providers, picture diary, automatic step counter,	healthcare providers	food		consideration in each
			food information on phone, context sensitivity,				functionality (ie, education,
			mobile BG modelling				diary);
Demidowit	42 Android	Features	SMBG recording, a tool to track insulin or oral	Track and recording, insulin dose	SMBG,	-	Without risk assessment;
h 2012 [9]	apps		diabetic medications, a prandial insulin dose	calculator, graphing, data	bodyweight, blood		
			calculator, track bodyweight or blood pressure,	exporting, data synchronisation	pressure,		
			graphing, data exporting or synchronisation with	with PHR	medications and		
			PHR		insulin		
Holtz 2012	21 studies	Functions	Diary/log to record data such as blood glucose	Diary, reminders, education, data	Blood glucose,	-	Without risk assessment;
[10]			readings, carbohydrate or calorie consumption or	transmission	carbohydrate,		Broad definition of
			physical activity, reminders,		calorie		functionalities without
			information/education,		consumption,		descriptive details;
			Bluetooth/wire/signal/manually data transmission		physical activity		Without systematic clinical
			between phone and glucometer				consideration in each
							functionality (ie, education,
							reminders);
Liang 2011	22 studies	Interventions	Provide support for SMBG, continuous	Education	SMBG, diet,	-	Without risk assessment;
[11]			education, reinforcement of diet, exercise and		exercise,		Broad definition of
			medication adjustment		medication and		functionalities;

					insulin		
Rao 2010	22 iPhone	Features	Glucose/carbohydrate/insulin/medicine/activity/	Tracking, tagging/notes/colour	Blood glucose,	-	Without risk assessment;
[12]	apps		weight/blood pressure tracking, meal-time	coded, database, multiple	diet, exercise,		Duplicated functionalities
			tagging, preset/custom note, food database, color	displays, manual entry, multiple	weight, blood		due to narrow definition of
			coded for hypo/hyper, trend chart	statistics, data exportation (email)	pressure,		each one;
			length/widescreen mode/logbook view/direct		medication and		
			entry from logbook/background themes,		insulin		
			averages/standard deviation, email composer				
			(comma-separated values), target range settings,				
			auto synch to website				

C Development of the preliminary taxonomy

Functional axis

Functionalities [1-12]	Structured classification	ı framework
	Functional modules	Descriptive Details
Uploading blood glucose, blood pressure, medication and	Log	Collecting personal parameters and information
other information by self-log or paired medical devices;		from mobile device itself or from separate
		devices connected to it;
		The basic functionality of mobile health
		technology for management of diabetes.
Visualizing physiological, and medical data;	Structured display	Organizing tracked data in a structured way
Log book;		
Display patterns of fluctuations;		
Add tags and notes;		
Export and share		
Diabetes recipes, disease information, instructions for	General education	Diabetes self-management education
self-management and behaviour change through		
electronic educational materials on the storage, offline		
database, email, text message, video or website;		
Real-time reminders and feedback for entered data;	Personalized feedback	Processing tracked data and generating
Medication and insulin regimen adjustment and		personalized goals, reminders and feedback
recommendations;		instantly.
Management dedicated decision support software;		
Clinical decision support system;		
Patient-patient communication;	Communication	General communication, connecting users with
Video conferencing with clinicians;		their peers and families through social
Messaging the clinicians;		networking, chat forums, or websites;
Providing feedback to patients by the clinicians;		Patient-clinician communication, in-app access to
		healthcare providers for medical support or
		consultation.

Clinical axis

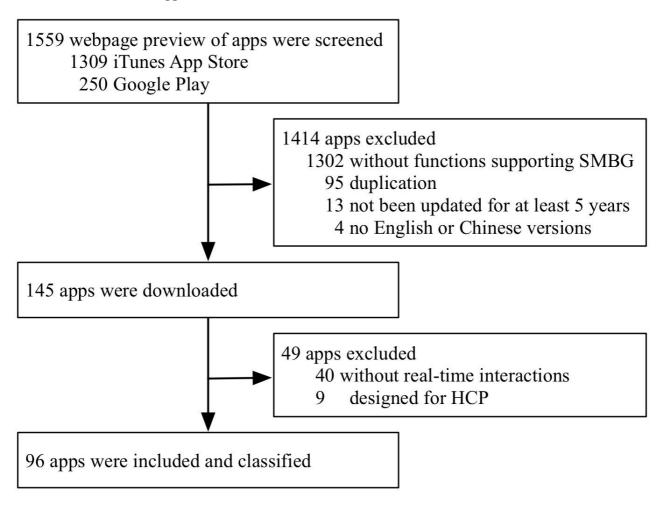
ADA Foundations of Care	Structured classification framework			
[13]	Diabetes management modules	Descriptive Details		
SMBG	Monitoring	Self-monitoring parameters including blood glucose and blood		
		pressure.		
		Other medical parameters including cholesterol levels, HbA1c, urine		
	and blood testing.			
		The basic functionality of mobile health technology for management		
		of diabetes.		
Immunization Medication management Medications for diabetes including		Medications for diabetes including insulin, oral antidiabetic agents,		
		aspirin, antihypertensive, lipid-lowering medications, and		
		vaccinations.		
Nutrition	Lifestyle modification	Healthy eating and being active.		
Physical Activity				
Education	-	A functional component		
Smoking Cessation	Complication prevention	Prevent diabetes-related chronic and acute complications. Acute		
		complications include hypoglycemia and hyperglycemia; chronic		
		complications include cardiovascular disease and microvascular		
		complications (ie, nephropathy, retinopathy, neuropathy).		
Psychosocial Care	Psychosocial care	Physical and emotional care		

Risk axis

FDA risk-based framework [14]		Structured classification framework		
Functionalities	Risk recommendations	Functions	Risk Assessment	
Scheduling;	Pose limited or no	Track self-monitoring parameters (ie. blood	Low risk	
Analysis of historical claims data to	risk to patient	glucose and blood pressures);		
predict future utilisation or cost-	safety;	Structured display;		
effectiveness;		General education of instructions for		
Population health management;		monitoring, lifestyle modification and		
General purpose communications;		psychosocial care;		
		Personalized feedback concerning customised		
		reminders;		
		Patient-patient and patient-family		
		communication;		
Health information and data management;	Potential safety risks	Track profession-monitoring parameters (ie,	Potential risk	
Data capture and encounter	are generally low	cholesterol levels, HbA1c, urine and blood		
documentation;	compared to the	testing);		
Electronic access to clinical results;	potential benefits;	General educations of interpreting parameters,		
Some clinical decision support;		treatment and medications and complication		
Medication management (electronic		prevention;		
medication administration records);		Personalized feedback concerning target		
Electronic communication and		setting and self-management decision making		
coordination (i.e. provider to patient,		in lifestyle modification;		
patient to provider, etc.)		Patient-clinicians communication;		
Knowledge (clinical evidence)				
management;				
Most Drug dosing calculations;	Present greater risks	Clinical decision making on adjusting to	High risk	
Medical-device accessories;	to patient safety;	current treatment (eg, oral agents, and insulin)		
Clinical decision support;		by mobile health algorithms alone without the		
Suggestions for possible diagnoses;		involvement of healthcare providers.		

D Validation of the structured classification framework by on-market apps review

Flow chart for selection of apps



SMBG, self-monitoring of blood glucose. HCP, health care providers.

Structured classifications for functions of included apps

AADE Diabetes Goal Tracker

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Share goals with the community;	Communication	-	Low Risk
Support each other by sending each other push			
notifications;			
Link-up over Facebook;			
Award points to others by accepting their support;			
Stay on track with your goals;	Track	Monitoring	
Customizable reminders ;	Personalized feedback	Monitoring	Low Risk
Edit your daily totals in profile settings under	Personalized feedback	Lifestyle modification	Potential risk
Recommended Daily Allowance to individualize goals;			
Learn about what you're eating to better manage your	General education	Lifestyle modification	Low risk
diabetes;			
Search for common foods and restaurant items or scan the			
barcode to see nutritional values;			
Log items under breakfast, lunch, dinner or snacks to view			
your total intake of calories, carbs, sodium and total fats for			
each day;			
Focus on areas of diabetes management: healthy eating,	General education	Monitoring; Lifestyle	Potential risk
being active, monitoring, taking medication, problem		modification; Medications;	
solving, reducing risks and healthy coping.		Complication prevention;	
		Psychosocial care	

Diabetes Tracker

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track blood pressure;			
Keep a track of your Insulin intake and all your Medicines.	Track	Medications	Potential risk
Diet Diary	Track	Lifestyle modification	
View current, detailed or average readings in a list view or	Structured display	-	Low risk
via detailed graphs and reports			
Reminders to check Blood Glucose	Personalized feedback	Monitoring	Low risk
Reminders to track medicines	Personalized feedback	Medications	Potential risk
Reminders of appointments	Personalized feedback	Complication prevention	Low risk
Reminders to maintain exercise schedules	Personalized feedback	Lifestyle modification	Low risk
Diet Guidelines;	General education	lifestyle modification	Low risk
Exercises with proper instructions and images;			
Maintain an extensive list of Doctors and call them from	Communication	-	Potential risk

SocialDiabetes

Functions	Functional modules	Diabetes management	Risk			
		modules	assessment			
Track blood glucose;	Track	Monitoring	Low risk			
Track food;	Track	Lifestyle modification	Low risk			
Track insulin;	Track	Medications	Potential risk			
Graphs;	Structured display	-	Low risk			
Insulin correction recommendations;	Personalized feedback	Medications	High risk			
Food database with nutrition;	General education	Lifestyle modification	Low risk			
Advice to prevent hypoglycemia;	General education	Complication prevention	Potential risk			
Share with other users;	Communication	-	Low risk			
ACE Medical Device, Council Directive 93/42/EEC that meets the highest standards of safety and quality.						

Diabetes Tracker

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Comprehensive blood glucose tracking;	Track	Monitoring	Low risk
BP tracking;			
HbA1c, LDL, HDL tracking;	Track	Monitoring	Potential risk
Optional insulin tracking	Track	Medications	Potential risk
Medication tracking			
Food and carb tracking;	Track	Lifestyle modification	Low risk
Exercise tracking;			
Tracks your water intake;			
Labels per reading supported;	Structured Display	-	Low risk
Detailed daily and weekly analysis, charts and reports;			
Highlights out-of-range readings;	Personalized feedback	Monitoring	Low risk
Practical BG reminders;			
Optional meal reminders;			
Custom pre- and post-meal target ranges;	Personalized feedback	Monitoring	Potential risk
Diet planning tools	Personalized feedback	Lifestyle modification	Potential risk
Provide personalized diet advice, recommend articles and	General education	Lifestyle modification	Low risk
blogs, suggest tips and tricks			
Community supported by a Registered Dietitian	Communication	-	High risk

DISCLAIMER

Diabetes Tracker by MyNetDiary is an educational tool, it is not a medical device, it is not a substitute for a medical device or medical care, and it does not provide diagnosis, cure, mitigation, treatment, or prevention of any disease.

If you have questions or concerns about individual health matters or management of your diabetes, please consult your diabetes care team.

RapidCalc Diabetes Manager

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Estimates HbA1c;	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Charting of blood glucose readings and trend data	Structured display	-	Low risk
Pre and post meal BG comparisons			
Summary statistics for doses, glucose and carbohydrates			
Customised target	Personalized feedback	Monitoring	Potential
Calculate insulin	Personalized feedback	Medications	High risk
safety warnings and guidance	General education	Complication prevention	Potential risk

SAFETY INFORMATION

RapidCalc is intended for guidance only and is not a substitute for professional medical advice. Always discuss use of the calculator with your health care professional and only use personal settings agreed with them. If you are in any doubt as to the correct insulin dose always follow the advice of your healthcare professional.

Diabetes Blood & Pressure Log

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c;	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track meal, carbohydrates calories and other nutrients;	Track	Lifestyle modification	Low risk
Track exercise;			
Track weight			
Trend and timeline of health vitals;	Structured display	-	Low risk
Add notes and remind yourself important things about			
health;			
Remind to monitor	Personalized feedback	Monitoring	Low risk
Remind about medicines	Personalized feedback	Medications	Potential risk
Analysis of Health records/ Medical reports;	General education	Monitoring	Potential risk
Tips for diabetes, hypertension and weight loss;	General education	Monitoring, Lifestyle	Low risk
		modification	
Track your entire families health;	Communication	-	Low risk
Remotely monitor your parents;			
Weekly reports and alerts families health;			

Care4life Diabetes

Functions	Functional modules	Diabetes management	Risk]
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		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track step;	Track	Lifestyle modification	Low risk
Graph;	Structured display	-	Low risk
Set reminders for appointments;	Personalized feedback	Complication prevention	Low risk
Set reminders for medications;	Personalized feedback	Medications	Potential risk
Healthy recipes;	General education	Lifestyle modification	Low risk
Exercise tips;			

Care4life content was developed in collaboration with the American Diabetes Association and uses text messages, a free app, videos, email and online website.

Diabetes UK Tracker

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c, ketones and lipid profile;	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track meal;	Track	Lifestyle modification	Low risk
Track weight;			
Track feelings;	Track	Psychosocial care	Low risk
Track appointments;	Track	Complication prevention	Low risk
Graph;	Structured display	-	Low risk
Note;			
Reminders;	Personalized feedback	-	Low risk
Share graph and notes on Facebook and Twitter	Communication	-	Low risk

One drop for Diabetes Management

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track medications;	Track	Medications	Potential risk
Track food;	Track	Lifestyle modification	Low risk
Track exercise;			
Tags and notes;	Structured display	-	Low risk
Customised reminders;	Personalized feedback	-	Potential risk
Food tips;	General education	Lifestyle modification	Low risk
Share in community	Communication	-	Low risk

My Diabetes Coach

Functions	Functional modules	Diabetes management	Risk]
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		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track medication;	Track	Medications	Potential risk
Track diet;	Track	Lifestyle modification	Low risk
Track activity;			
Track feet status	Track	Complication prevention	Low risk
Chats;	Structured display	-	Low risk
Customised health goals;	Personalized feedback	-	Potential risk
Virtual coach;	General education	-	Potential risk
Health information;			

Diamedic

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track lab result;	Track	Monitoring	Potential risk
Track insulin and medications;	Track	Medications	Potential risk
Track carb intake;	Track	Lifestyle modification	Low risk
Track exercise;			
Track weight;			
Track feet status	Track	Complication prevention	Low risk
Graphs;	Structured display	-	Low risk
Composite view;			
Notes;			
Medications refill reminders;	Personalized feedback	Medications	Potential risk
Dosage calculator;	Personalized feedback	Medications	High risk
Exercise database;	General education	Lifestyle modification	Low risk
Insulin and medications database;	General education	Medications	Potential risk
Insulin injection templates;			

Tactio Health

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track cholesterol, triglycerides, HDL and LDL;	Track	Monitoring	Potential risk
Track meal, carbohydrates calories and other nutrients;	Track	Lifestyle modification	Low risk
Track steps and activity;			
Track weight, height, waist size, BMI;			
Track water intake;			

Data presented by charts, computed factors and color	Structured display	-	Low risk
coding;			
Customised reminder;	Personalized feedback	-	Potential risk
Healthy goals;			
A personalized nutrition plan	Personalized feedback	Lifestyle modification	Potential risk
Education about the disease, medications and lifestyle	General education	Medications; Lifestyle	Potential risk
		modifications;	

In light of the recent final guidance provided by the FDA on mobile medical apps, we have decided to temporarily disable the insulin adjustments for patients with Diabetes using insulin in Nov 20, 2013

PredicBGL

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
HbA1c estimate;	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track meal, carbohydrates calories and other nutrients;	Track	Lifestyle modification	Low risk
Track exercise;			
Graphs with blood glucose curves;	Structured display	-	Low risk
Calculate insulin;	Personalized feedback	Medications	High risk
Basal Rates for insulin pump users;			
Food databases with glycemic index;	General education	Lifestyle modification	Low risk
Explain blood glucose readings;	General education	Monitoring	Potential risk

SAFETY INFORMATION

PredictBGL is intended for guidance only and is not a substitute for professional medical advice. Always discuss use of PredictBGL with a diabetes educator or physician and only use personal settings agreed with them. If in any doubt as to the correct insulin dose always follow the advice of a Health Care Professional.

mySugr Diabetes Logbook

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Estimated HbA1c;	Track	Monitoring	Potential risk
Track ketones			
Track medications and insulin;	Track	Medications	Potential risk
Track meal, carbohydrates calories and other nutrients;	Track	Lifestyle modification	Low risk
Track steps and activities;			
Track weight;			
Daily, weekly, monthly analysis;	Structured display	-	Low risk
Personal therapy goals;	Personalized feedback	Monitoring	Low risk
Motivating feedback;			

Remind to monitor;			
Basal rates for insulin pump users;	Personalized feedback	Medications	High risk
Bolus Calculator;			
Social sharing functions;	Communication	-	Low risk
Registered (class 1) medical device			

Diabetes App/lite

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track medications and insulin;	Track	Medications	Potential risk
Track meal, carb intake, calories, other nutrients and water	Track	Lifestyle modification	Low risk
consumption;			
Track activities;			
Track weight and BMI;			
Put tracked parameters on the calendar;	Structured display	-	Low risk
Off-line food database	General education	Lifestyle modification	Low risk
Budget daily carb allowance	Personalized feedback	Lifestyle modification	Potential risk

t:simulator

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Customised note;	Structured display	-	Low risk
Trends;			
View insulin history			
Set reminder alarms for low and high blood glucose, and	Personalized feedback	Monitoring	Low risk
after bolus blood glucose			
Set reminder alarms for missed meal boluses	Personalized feedback	Medications	Low risk
Create customised basal rates, carb ratios, correction	Personalized feedback	Medications	High risk
factors, and target Blood Glucose (BG) levels;			
Program a meal bolus, using either units of insulin or grams			
of carbohydrate;			
Program a correction bolus by entering a BG value;			
Program an extended bolus;			
Set a temporary basal rate;			
Technical specifications, glossary, and important safety	General education	Medications	Potential risk
information;			
social media share	Communication	-	Low risk
Contact a Tandem Diabetes Care representative directly	Communication	-	Potential risk

from within the app		
Tandem pump		

LogFrog DB/Lite

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c;	Track	Monitoring	Potential risk
Track insulin and oral medication;	Track	Medications	Potential risk
Track carb intake;	Track	Lifestyle modification	Low risk
Track exercise;			
Track weight;			
Track doctor visits;	Track	Complication prevention	Low risk
Customised notes;	Structured display	-	Low risk
Graph by days or out to months;			
Set reminders to check blood glucose;	Personalized feedback	Monitoring	Low risk
Set your ideal blood glucose value range;			
Set reminders to take medications;	Personalized feedback	Medications	Potential risk

HEALTheDiabetes

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin and oral medication;	Track	Medications	Potential risk
Track food, calories, carbs, and nutrition;	Track	Lifestyle modification	Low risk
Track activities;			
Track weight;			
Charts and trends;	Structured display	-	Low risk
Set targets: carbohydrate, calorie;	Personalized feedback	Monitoring	Potential risk
Set reminders to take medications;	Personalized feedback	Medications	Potential risk
Food database with nutrition;	General education	Lifestyle modification	Low risk

Diabetes Management

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track diet, calories, carbohydrates;	Track	Lifestyle modification	Low risk
Track activities;			
Charts and trends;	Structured display	-	Low risk
Food database with nutrition and glycemic index;	General education	Lifestyle modification	Low risk
A healthy diet;			

Symptoms of diabetes;	General education	Complication prevention	Potential risk
Order tests and exams;	Communication	-	Potential risk
Order medicine and ancillary needs;			

BG Monitor Diabetes /Pro

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Track activities;			
Detailed graphs;	Structured display	-	Low risk
Graphical reporting;			
Notes and tags;			
Reminders of low and high blood glucose;	Personalized feedback	Monitoring	Low risk
Reminders to check blood glucose;			
Reminders to give insulin;	Personalized feedback	Medications	Potential risk
Insulin calculator;	Personalized feedback	Medications	High risk
Food database;	General education	Lifestyle modification	Low risk
Carbohydrates calculator;			

Track3

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track HbA1c	Track	Monitoring	Potential risk
Track insulin and medications;	Track	Medications	Potential risk
Track food;	Track	Lifestyle modification	Low risk
Track activities;			
Track calories			
Track weight;			
Chart blood glucose trends;	Structured display	-	Low risk
Tags;			
Customised information for the foods and exercises;	Personalized feedback	Lifestyle modification	Low risk
Customised information for medications;	Personalized feedback	Medications	Potential risk
Food database with carbohydrate and nutrition details;	General education	Lifestyle modification	Low risk
Carb and calorie counter;			

iFORA Diabetes Manager

Functions	Functional modules	Diabetes management	Risk
		modules	assessment

Track blood glucose;	Track	Monitoring	Low risk
Track insulin dosage;	Track	Medications	Potential risk
Track activities;	Track	Lifestyle modification	Low risk
Track food intake;			
Statistic trend graph;	Structured display	-	Low risk
Target pie charts;			
Record list;			
Logbook;			
Set target goal of blood glucose;	Personalized feedback	Monitoring	Low risk
Color coded alert;			
Diabetes medications	General education	Medications	Potential risk
Healthy eating;	General education	Lifestyle modification	Low risk
Regular exercise routine;			

ezbds

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin dosage and medications;	Track	Medications	Potential risk
Track meal, snack and carbs;	Track	Lifestyle modification	Low risk
Track activities;			
Track food intake;			
Graph;	Structured display	-	Low risk
Tag;			
Trending up alert;	Personalized feedback	Monitoring	Low risk
Insulin doses alert;	Personalized feedback	Medications	Potential risk
Drug dose calculating;	Personalized feedback	Medications	High risk
Healthy diet;	General education	Lifestyle modification	Low risk

Diabetes Kit Blood Glucose Logbook

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c;	Track	Monitoring	Potential risk
Track insulin and medication;	Track	Medications	Potential risk
Track nutrition;	Track	Lifestyle modification	Low risk
Track steps, activities and calories;			
Track weight;			
Trend;	Structured display	-	Low risk
Insulin dose calculator;	Personalized feedback	Medications	High risk

Clinical insight;	General education	-	Potential risk

Diabetes PA

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c, cholesterol and ketones;	Track	Monitoring	Potential risk
Track insulin and medication;	Track	Medications	Potential risk
Track mood and emotions;	Track	Psychosocial care	Low risk
Track carbs and calories;	Track	Lifestyle modification	Low risk
Track alcohol consumption;			
Track exercise;			
Track weight and BMI;			
Charts;	Structured display	-	Low risk
Graphs;			
Reminders for medications;	Personalized feedback	Medications	Potential risk

Glucose Monitor

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track cholesterol;	Track	Monitoring	Potential risk
Track medications and insulin;	Track	Medications	Potential risk
Statistics;	Structured display	-	Low risk
Graphs;			
Customised reminders for checking blood glucose;	Personalized feedback	Monitoring	
Tips on improving glycemic control;	General education	-	Potential risk
Diabetes health guide;			
Diabetes communities	Communication	-	Low risk

Diabetes in Check

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Blood glucose tracking;	Track	Monitoring	Low risk
Medication tracking;	Track	Medications	Potential risk
Exercise tracking;	Track	Lifestyle modification	Low risk
Weight tracking;			
Track carb by searching a database of over 80,000 foods or			
barcode scanner;			
Set reminders to measure blood glucose;	Personalized feedback	Monitoring	Low risk

Set and track exercise goals and stay motivated;	Personalized feedback	Lifestyle modification	Potential risk
A personalized daily plan to help you stay on track and			
achieve your goals;			
Set reminders to take medications;	Personalized feedback	Medications	Potential risk
Join a community of over 200,000 people who are also	Communication	-	Low risk
living with type 2 diabetes.			
In-app support from a Certified Diabetes Educator	Communication	-	Potential risk

Diabetes Pilot Pro

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Records glucose and blood pressure;	Track	Monitoring	Low risk
Estimates HbA1c;	Track	Monitoring	Potential risk
Record medications;	Track	Medications	Potential risk
Records meals, exercise, weight;	Track	Lifestyle modification	Low risk
Track carbohydrates, calories and nutrients by scanning			
barcodes;			
Customizable reports;	Structured display	-	Low risk
Notes about information;			
Estimate your insulin for meals and correcting high	Personalized feedback	Medications	High risk
glucose;			

Daily Carb / Premium

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c;	Track	Monitoring	Potential risk
Track cholesterol, triglycerides, HDL and LDL;			
Track medications and insulin;	Track	Medications	Potential risk
Track meal, carbohydrates calories and other nutrients;	Track	Lifestyle modification	Low risk
Track exercise by date, duration, name and intensity;			
Track weight;			
Track water intake;			
Analyze tracked parameters by chart;	Structured display	-	Low risk
Add note to reading;			
Calendar overview of data;			
Customised reminder	Personalized feedback	-	Potential risk
Calculate insulin	Personalized feedback	Medications	High risk

For the insulin calculation function, it is based this formula:

 $In sulin\ dos age = (Blood\ Sugar - Goal\ Blood\ Sugar)\ /\ Correction\ Factor\ +\ Carbohydrate\ /\ Carbohydrate\ Factor\ +\ Carbohydrate\ +\ Carbohydrate\ Factor\ +\ Carbohydrate\ +\ Car$

Please do consult your physician before using it to check if the formula is suitable for you, and ask for your personal Correction Factor,

 $\label{lem:carbohydrate} Carbohydrate\ Factor,\ Goal\ Blood\ Sugar\ from\ him/her,\ and\ please\ take\ note\ of\ the\ unit\ (mg/dL\ or\ mmol/L).\ The\ user\ assumes\ all\ responsibility\ for\ the\ numbers\ inputted\ and\ the\ result.$

Glucose Wiz/pro

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track medications;	Track	Medications	Potential risk
Track weight and BMI;	Track	Lifestyle modification	Low risk
Generates glucose chart view by daily, weekly, monthly or	Structured display	-	Low risk
yearly;			
Generates histogram to show average glucose of each			
period;			
Generates chart view to show weight tendency;			
Customised reminders	Personalized feedback	-	Low risk
Manage medications	Personalized feedback	Medications	Potential risk

Health2Sync

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track HbA1c	Track	Monitoring	Potential risk
Track medications and insulin;	Track	Medications	Potential risk
Track food;	Track	Lifestyle modification	Low risk
Enter note;	Structured display	-	Low risk
A quick analysis of your recent blood sugar history in table			
and graph formats;			
Invite families to become partners with you on	Communication	-	Low risk
Health2Sync			

HealthWatch 360

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track triglycerides	Track	Monitoring	Potential risk
Track medications and insulin;	Track	Medications	Potential risk
Track food, calories and nutrients;	Track	Lifestyle modification	Low risk
Track weight;			
Customised note;	Structured display	-	Low risk
Trends;			
Food nutrition score, charts and tips;	General education	Lifestyle modification	Low risk

Diabetes, blood pressure Diary

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Estimated HbA1c;	Track	Monitoring	Potential risk
Track insulin and oral medication;	Track	Medications	Potential risk
Track food;	Track	Lifestyle modification	Low risk
Track weight;			
Graph for trends;	Structured display	-	Low risk
Set reminders to take medications	Personalized feedback	Medications	Potential risk

Diabetes Glucose Tracker App

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track HbA1c;	Track	Monitoring	Potential risk
Track insulin and oral medication;	Track	Medications	Potential risk
Track food consumption and carbs;	Track	Lifestyle modification	Low risk
Track physical activities;			
Track weight;			
Charts and trends;	Structured display	-	Low risk
Set goal;	Personalized feedback	Monitoring	Potential risk
Set reminders to take medications;	Personalized feedback	Medications	Potential risk
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Clinical Study Reference

Evan M. Benjamin. Self-Monitoring of Blood Glucose: The Basics. Clinical Diabetes January 2002 20:45-47; doi:10.2337/diaclin.20.1.45

Diabetes Plus

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Calculation of HbA1c;	Track	Monitoring	Potential risk
Track insulin and medication;	Track	Medications	Potential risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Track activities;			
Track weight;			
Line graphs;	Structured display	-	Low risk
Graphical reporting;			
Notes;			
Customised glucose target range;	Personalized feedback	Monitoring	Low risk

Colored indicators;			
Calculation of dosage of insulin;	Personalized feedback	Medications	High risk

Diaguard Diabetes

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Visualize blood glucose in a graph;	Structured display	-	Low risk
Detailed logs of your data;			
Reminders;	Personalized feedback	-	Potential risk
Bolus calculator;	Personalized feedback	Medications	High risk

Glucose Buddy/Pro

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Track activities;			
Track weight;			
Graph of food, activities and blood glucose;	Structured display	-	Low risk
Tags;			
Reminders;	Personalized feedback	-	Potential risk

Diabetes Pal App

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c	Track	Monitoring	Potential risk
Track medications;	Track	Medications	Potential risk
Track nutrition;	Track	Lifestyle modification	Low risk
Track activities;			
Track calories			
Track weight;			
Charts and graphs;	Structured display	-	Low risk

Tags;			
Notes;			
Create and achieve goals;	Personalized feedback	-	Potential risk

BlueStar Diabetes

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c and cholesterol;	Track	Monitoring	Potential risk
Track medications;	Track	Medications	Potential risk
Track diet;	Track	Lifestyle modification	Low risk
Track activities;			
Charts and graphs;	Structured display	-	Low risk
Personalized guidance driven by medication treatment plan	Personalized feedback	Medications	Hihg risk
and blood glucose;			
Prescribed by a healthcare provider.			

iBGStar

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin doses;	Track	Medications	Potential risk
Track carb;	Track	Lifestyle modification	Low risk
Track activities;			
Trend chart, logbook and statistics;	Structured display	-	Low risk
Tag of mealtimes;			
Customised notes;			
Color-coded hypo and hyper alerts when blood glucose	Personalized feedback	Monitoring	Low risk
readings are out of range			

myMedtronic Connect

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and infusion site;	Track	Monitoring	Low risk
Track insulin doses;	Track	Medications	Potential risk
Graph;	Structured display	-	Low risk
Set reminders;	Personalized feedback	-	Low risk
Alarms and alerts;			
Video tutorials;	General education	-	Potential risk
Tips and explanations;			
Correct infusion set placement and site rotations;			

Medtronic diabetes blog;		
A support tool for a Medtronic insulin pump and continuous §	glucose monitor (CGM)	

Glucool Diabetes/Premium

Functional modules	Diabetes management	Risk
	modules	assessment
Track	Monitoring	Low risk
Track	Monitoring	Potential risk
Track	Medications	Potential risk
Track	Lifestyle modification	Low risk
Structured display	-	Low risk
Personalized feedback	Monitoring	Low risk
Personalized feedback	Medications	High risk
	Track Track Track Track Structured display	modules Track Monitoring Track Monitoring Track Medications Track Lifestyle modification Structured display - Personalized feedback Monitoring

Glucose Companion/Free

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track weight;	Track	Lifestyle modification	Low risk
Chart;	Structured display	-	Low risk
Note;			
Histogram;			
Statistics;			
Customised target range;	Personalized feedback	Monitoring	Low risk
Customised reminders;	Personalized feedback	-	Potential risk
Insulin dose calculator;	Personalized feedback	Medications	High risk

For the insulin calculation function, it is based this formula: Insulin dosage= (Blood Sugar – Goal Blood Sugar)/ Correction Factor+ Carbohydrate /Carbohydrate Factor.

Please do consult your physician before using it to check if the formula is suitable for you, and ask for your personal Correction Factor, Carbohydrate Factor, Goal Blood Sugar from him/her, and please take note of the unit (mg/dl or mmoL/L). The user assumes all responsibility for the numbers inputted and the result.

Diabetes in Pregnancy

Functions	Functional modules	Diabetes management	Risk	
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		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track food, carbs and calorie;	Track	Lifestyle modification	Low risk
Track insulin and medications;	Track	Medications	Potential risk
Charts;	Structured display	-	Low risk
Information for food, nutrition and exercises	General education	Lifestyle modification	Low risk
Information for medications	General education	Medications	Potential risk

Glooko

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Track carbs;	Track	Lifestyle modification	Low risk
Track exercise;			
Track weight;			
Trends;	Structured display	-	Low risk
Graph;			
Statistics;			
Customised reminders	Personalized feedback	-	Potential risk
FDA 510(k) cleared platform			

Carburetor

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track HbA1c	Track	Monitoring	Potential risk
Track medications;	Track	Medications	Potential risk
Track carbs;	Track	Lifestyle modification	Low risk
Track exercise;			
Statistics;	Structured display	-	Low risk
Food nutrition;	General education	Lifestyle modification	Low risk

Diabetes:360

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrate;	Track	Lifestyle modification	Low risk
Track exercise;			
Graphs;	Structured display	-	Low risk

Customised reminder	Personalized feedback	-	Potential risk
Calculate insulin dosing	Personalized feedback	Medications	High risk

ACCU-CHEK

Functions	Functional modules	Diabetes management	Risk	
		modules	assessment	
Track blood glucose and blood pressure;	Track	Monitoring	Low risk	
Track insulin and medications;	Track	Medications	Potential risk	
Track meals, size, carbs and calories;	Track	Lifestyle modification	Low risk	
Track exercise;				
Track weight;				
Trends;	Structured display	-	Low risk	
Graphs;				
Reminders for blood glucose testing;	Personalized feedback	Monitoring	Low risk	
Bolus insulin advice;	Personalized feedback	Medications	High risk	
The ACCII CHEV Polyc Advisor feature must be activated by your healthcare professional with appropriate information needed for set up				

The ACCU-CHEK Bolus Advisor feature must be activated by your healthcare professional with appropriate information needed for set-up and use.

Gestational Diabetes Manager

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track ketones;	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrate intake;	Track	Lifestyle modification	Low risk
Track exercise;			
Track water consumption;			
Charts;	Structured display	-	Low risk
Graphs;			
Food database with nutrition and calorie information;	General education	Lifestyle modification	Low risk

Sugar Sense

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track nutrition;	Track	Lifestyle modification	Low risk
Track activities;			
Track weight;			
Charts;	Structured display	-	Low risk
Trends;			
Graphs;			

Tips on improving glycemic control;	General education	-	Low risk
Diabetes health guide;			
Diabetes communities	Communication	-	Low risk
This software is intended for informational and educational use only. Please consult your healthcare provider for any health concerns.			

mySugr Junior

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track medications and insulin;	Track	Medications	Potential risk
Track carbs;	Track	Lifestyle modification	Low risk
Goals and feedback	Personalized feedback	Monitoring	Low risk
Communication between children living with diabetes and	Communication	-	Low risk
their caregivers			

Easy Diabetes

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track ketones;	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrate;	Track	Lifestyle modification	Low risk
Notes;	Structured display	-	Low risk
Charts;			
Customised targets and feedback	Personalized feedback	Monitoring	Low risk

GlucoSweet

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track carbohydrate;	Track	Lifestyle modification	Low risk
Track medications and insulin;	Track	Medications	Potential risk
Graphs and chart;	Structured display	-	Low risk
Statistics;			
Customised ranges and feedback;	Personalized feedback	Monitoring	Low risk
Customised reminders;	Personalized feedback	-	Potential risk

Diabetes Pedometer with Glucose

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk

Track activity;	Track	Lifestyle modification	Low risk
Carb counting;			
Track weight and BMI;			
Track insulin;	Track	Medications	Potential risk
Graphs and chart;	Structured display	-	Low risk
Medication reminders;	Personalized feedback	Medications	Potential risk

Diabetes Recorder/Free

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track HbA1c;	Track	Monitoring	Potential risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrate;	Track	Lifestyle modification	Low risk
Track movement;			
Track weight;			
Graphs and chart;	Structured display	-	Low risk
Set alarms to measure;	Personalized feedback	Monitoring	Low risk

Diabetes studio

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track moods and emotions;	Track	Psychosocial care	Low risk
Tags;	Structured display	-	Low risk
Charts;			
Customised reminders;	Personalized feedback	-	Potential risk
Insulin calculator;	Personalized feedback	Medications	High risk

DiabetesConnect

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin and medications;	Track	Medications	Potential risk
Track meals and carbohydrate;	Track	Lifestyle modification	Low risk
Track activities;			
Graphs and statistics;	Structured display	-	Low risk
Pie chart;			
Set reminders;	Personalized feedback	Monitoring	Low risk

BlueLoop

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Track medications and insulin;	Track	Medications	Potential risk
Notes;	Structured display	-	Low risk
Instant notifications are sent as enter data;	Personalized feedback	-	Potential risk

Gluco Success

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track diet, sugar, carbohydrates and calories;	Track	Lifestyle modification	Low risk
Track steps, activity duration and intensity;			
Track body weight and waist size;			
Provide an integrated view of your health behaviors	Structured display	-	Low risk
Compare foods you ate and activity levels before in-			
range/out-of-range blood glucose measurements			
Receive Notifications about:	Personalized feedback	Monitoring;	Low risk
- Logging your blood glucose		Lifestyle modification	
- Recording diet information through LoseIt			
Diabetes lifestyle education from ADA website.	General education	Lifestyle modification	Low risk
A research study.			

MyGlycemia

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Table, graph and charts;	Structured display	-	Low risk
Alarm to measure blood glucose;	Personalized feedback	Monitoring	Low risk
Avoid hypoglycemia;	General education	Complication prevention	Potential risk

GoMeals

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track food, nutrition, carbs and calorie;	Track	Lifestyle modification	Low risk
Track activities and calories;			
Track weight;			

Charts;	Structured display	-	Low risk
Tags;			
Database for food and nutrition	General education	Lifestyle modification	Low risk

Diabetes Personal Calculator

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Track meals and food items, carbohydrate intake;	Track	Lifestyle modification	Low risk
Bolus insulin calculator;	Personalized feedback	Medications	High risk
Diabetes Personal Calculator must only be used as a guide and on the advice of your physician.			

Healthgoal360

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track HbA1c and lab results;	Track	Monitoring	Potential risk
Track medications and insulin;	Track	Medications	Potential risk
Track steps and calories;	Track	Lifestyle modification	Low risk
Track diets;			
Track weight;			
Summary dashboard;	Structured display	-	Low risk
Charts;			

Diabetes Assistant

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track meals;	Track	Lifestyle modification	Low risk
Charts;	Structured display	-	Low risk
Customised targets and feedback;	Personalized feedback	Monitoring	Low risk
Customised reminders;	Personalized feedback	-	Potential risk

Diabetes Diary

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track carbohydrate intake;	Track	Lifestyle modification	Low risk
Track insulin;	Track	Medications	Potential risk

Graphs;	Structured display	-	Low risk
Tags;			

Diabetes:M

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Charts;	Structured display	-	Low risk
Statistics;			
Insulin bolus calculator;	Personalized feedback	Medications	High risk

OnTrack Diabetes

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track HbA1c;	Track	Monitoring	Potential risk
Track food;	Track	Lifestyle modification	Low risk
Track weight;			
Graphs and chart;	Structured display	-	Low risk
Set reminders;	Personalized feedback	Monitoring	Low risk

Diabetes Management

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Track carbohydrate;	Track	Lifestyle modification	Low risk
Track movement;			
Finding diabetes doctors	Communications	-	Potential risk
News for diabetes	General education	-	Potential risk

Dexcom Follow/Dexcom Share2

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs and trends;	Structured display	-	Low risk
Customised glucose range and alarms;	Personalized feedback	Monitoring	Low risk
Share with families;	Communication	-	Low risk
Dexcom CGM companion			

mylife SiDiary

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Track medications;	Track	Medications	Potential risk
Statistic graphs;	Structured display	-	Low risk
Trend analysis;			

dbees.com

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track diet;	Track	Lifestyle modification	Low risk
Track insulin and medications;	Track	Medications	Potential risk
Graphs;	Structured display	-	Low risk

AgaMatrix Diabetes Manager

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track carbs;	Track	Lifestyle modification	Low risk
Track weight;			
Track insulin and medications;	Track	Medications	Potential risk
Trends and logbook;	Structured display	-	Low risk

Best Diabetes Control

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track food, categories, carbs and nutrition;	Track	Lifestyle modification	Low risk
Track exercise and calories;			
Track weight and BMI;			
Track water intake			
Track insulin and medications;	Track	Medications	Potential risk
Trends and graphs;	Structured display	-	Low risk
Tags;			

diasend

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk

Track activity;	Track	Lifestyle modification	Low risk
Track carb			
Track insulin;	Track	Medications	Potential risk
Landscape mode;	Structured display	-	Low risk

SiDiary Diabetes Management

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track carbohydrates;	Track	Lifestyle modification	Low risk
Track weight;			
Track insulin and medications;	Track	Medications	Potential risk
Trends and statistics;	Structured display	-	Low risk

Diabetes Insulin Calculator

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track food;	Track	Lifestyle modification	Low risk
Insulin calculator	Personalized feedback	Medications	High risk

Diabetes Diary

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Custom notes	Structured display	-	Low risk
Insulin calculator	Personalized feedback	Medications	High risk

Diabetes BP Health Tracker App

Functions	Functional modules	Diabetes management	Risk
Tancayas	2 unctivitus mountes	modules	assessment
Track blood glucose and blood pressure;	Track	Monitoring	Low risk
Track food;	Track	Lifestyle modification	Low risk
Track weight and body metrics;			
Track medications and insulin;	Track	Medications	Potential risk
Graphs;	Structured display	-	Low risk

Gluco Share

Functions	Functional modules	Diabetes management	Risk
		modules	assessment

Track blood glucose;	Track	Monitoring	Low risk
Graphs;	Structured display	-	Low risk
Customised goals and feedback;	Personalized feedback	Monitoring	Low risk
Share with other users;	Communication	-	Low risk

Welkin for Diabetes

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track meals;	Track	Lifestyle modification	Low risk
Connect with a professional diabetes coach;	Communication	-	Potential risk

True Manager Air Logbook

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Logbook and tag;	Structured display	-	Low risk
Set target ranges for blood glucose;	Personalized feedback	Monitoring	Potential risk

True Metrix Air Blood Glucose wireless meter companion.

Target Range (mg/dL) YELLOW = Above Normal >130 GREEN = Normal 70-130 RED = Hypoglycemic <70.

This product is intended for personal use to support better diabetes management without providing specific treatment or treatment suggestions. It is not for diagnostic use. Consult a Doctor or Healthcare Professional before changing treatment plan.

Diabetic Connect

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track mood;	Track	Psychosocial care	Low risk
Community of diabetes patients;	Communication	-	Low risk

Dexcom G5 Mobile

Zeneom Go mone			
Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Trends;	Structured display	-	Low risk
Set alerts for glucose	Personalized feedback	Monitoring	Potential risk
Continuous glucose monitoring system			

Sugar Streak

Functions	Functional modules	Diabetes management	Risk
		modules	assessment

Track blood glucose;	Track	Monitoring	Low risk
Predicted HbA1c;	Track	Monitoring	Potential risk
Graphs;	Structured display	-	Low risk
Set goals and rewards;	Personalized feedback	Monitoring	Potential risk
Reminders to monitor;			

Bant

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs;	Structured display	-	Low risk
Share through Twitter;	Communication	-	Low risk

ditto Glucose Logbook

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs;	Structured display	-	Low risk
Notes and tags;			
Customised blood glucose range;	Personalized feedback	Monitoring	Low risk

Dnurse

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs and statistics;	Structured display	-	Low risk
Customised reminders;	Personalized feedback	Monitoring	Low risk

Blood Glucose Tracker

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs;	Structured display	-	Low risk
Customised reminders to monitor;	Personalized feedback	Monitoring	Low risk

Diabetes App

Diabetes 11pp			
Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track food;	Track	Lifestyle modification	Low risk
Graphs;	Structured display	-	Low risk

MiniMed Connect

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Track insulin;	Track	Medications	Potential risk
Graphs;	Structured display	-	Low risk
MiniMed Connect links your MiniMed pump and continuous glucose monitoring (CGM) sensor.			

Lazysugar

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Feedback and rewards of checking;	Personalized feedback	Monitoring	Low risk

Diabetes

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Trends and graphs;	Structured display	-	Low risk
Tags;			

Gluco Logger

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Trends;	Structured display	-	Low risk

Gmate SMART

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs;	Structured display	-	Low risk

Glucose Recorder/Free

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs;	Structured display	-	Low risk

Diabetes Importer by mySugr

Functions	Functional modules	Diabetes management	Risk
		modules	assessment
Track blood glucose;	Track	Monitoring	Low risk
Graphs;	Structured display	-	Low risk

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