# OmniGlucoseTracker – Test Document

Baihu Qian, Zhengkun Dai

{bqian, zhengkud}@andrew.cmu.edu

1. Login Interface
2. Menu Interface

Menu displays correctly on both smartphone and tablet. Size of button is adjustable to different screen sizes. Each button responses to user click correctly, and able to start corresponding Activities correctly.

1. User Info panel
2. Contacts
3. Location
4. Glucose Display (daily, weekly, and monthly)

Display is adjustable to different screen sizes. Previous and Next button change the display date correctly. Of note, in weekly display mode, data from the week that selected date belongs to are displayed, same in monthly display mode. Corner cases such as change of month or year are tested. Warning shows up when user tempts to select a date in the future. Calendar button can let user select arbitrary date and display the selected date on screen.

Data are displayed correctly in the graph, and statistics of data are calculated and displayed accurately. Five thresholds, according to Tidepool, are displayed as horizontal lines in the graph. Axis labels and legends are displayed correctly.

Click back button on the device can return to menu.

1. Analysis

Histogram of glucose data in this month is displayed here. Labels are correct and related to each bin straightforwardly. If no data are presented, a blank graph is displayed.

1. System Log
2. Emergency