

**TEAM 51 PROJECT (Developing and testing a simulator of the
Tandem t:slim Insulin Pump)**

Assigned TA: Kanav

Members:

Adam Saleh

Jonah Pelkey

Hayden Chung

Ahmid Kamara

Yunus Abu-Oshaibah

Revised Project Plan

****PLEASE NOTE THIS IS NOT THE FINAL SUBMISSION****

Contributions:

- ❖ Adam Saleh:
 - Use case
 - Requirement Traceability Matrix
 - Database- Error log & Profile Page Setup
- ❖ Ahmid Kamara:
 - UML diagrams
 - State Diagrams / Sequence Diagrams
 - Manual Bolus logic
- ❖ Yunus Abu-Oshaibah
 - Insulin Pump UI (all UI components)
 - Debugging

❖ Jonah Pelkey

- Insulin Pump Central hub logic
- Insulin Pump malfunction logic

❖ Hayden Chung

- Insulin Pump control Logic (start/stop/resume)
- Insulin Pump Information and History Logic (Data storage)

FURTHER IMPLEMENTATIONS TO BE MADE BY 23rd APRIL

- i. Implementation of the Security Logic i.e. Pin Lock. Current security against accidental input requires the user to hold the “Power On” button for > 3 seconds
- ii. Improve graphing logic. The current iteration of the graph uses placeholder functions.

(ALL PROJECT PLAN DETAILS ARE SUBJECT TO CHANGE)