

**Group Name:** Quantum Database Jumpers

**Team Leader:** Braydon Horcoff

## **Assignment 1**

### **Sept 9**

I met up with and formed a group with the other four members of our team.

### **Sept 6 – Sept 13**

During this time I was recovering from a major surgical operation and was unable to contribute anything concrete to the assignment.

### **Sept 16**

I met with the group to catch up with what had been done while I was away, we began brainstorming ideas for how to represent the scenario we selected in a more useful model.

### **Sept 19**

I translated our work up to this point into a rough ER diagram to later be finalized and drawn up in software for final submission.

### **Sept 23**

I met with group one more time to finalize the assignment and prepare for it to be typed up for submission. I also assisted in making some changes to the ER diagram.

### **Oct 5**

I helped the group edit the final draft of our submission.

## **Assignment 2**

### **Oct 24**

I met with the group to finalize our preliminary UML diagram and database schema.

## **Oct 25**

I formatted the UML diagram for submission, reorganized the document and normalized the database.

## **Assignment 3**

### **Nov 8**

I implemented our schema from assignment 2 in postgres, and wrote the base of the Python code for our demo web app.

### **Nov 14**

I extended the postgres database with some stored procedures.

### **Nov 15**

I added capabilities for password encryption to the database, set up a virtual environment for Python, and started work on the user interface for the web app.

### **Nov 20**

I added some fixes to the database schema and the postgres stored procedures.

### **Nov 21**

I wrote some more postgres functions and added some functionality to the web app.

### **Nov 23**

I added some of my group members' queries to our web app, and finalized the project for submission.

## **Assignment 4**

### **Nov 21**

Worked on some queries for assignment 4.