# Sprint Report 1

**CPSC 4910 Sprint 2018**
**Tyler Anthony, Victor Harper, Karl Pasiack, Trey Helms**

The purpose of Sprint 1 is to create the Product Backlog and Sprint 1 backlog. From this Sprint 1 was created which outlines the objectives for the sprint. The sprint will include 2 parts: the back-end and the front-end. Trey and Karl will be working to create the back-end. This will include creating the database and tables, as well as, setting up necessary permissions and structures. Finally, they will create the necessary queries. Victor and Tyler will be working on the front-end to be creating a "working prototype." This goal of this is to create a landing page that will show the classroom availability and allow for basic viewing. This process will be completed through the use of JavaScript and HTML to create the front-end.

As a note about the Product Backlog and the Sprint Backlog, when copying the spreadsheet over from the one given, the Burndown Chart disappeared and we were told that it was okay to leave it off due to the error, per the TAs.

| Task Identifier | Priority | Expected Hours | Person | Status | Date Completed |
|---|---|---|---|---|---|
| **Create the Database** | High | | | Working | |
| Create ER (Entity Relationship) Diagram for MVP | High | 2 | Trey | Working | |
| Create ER (Entity Relationship) Diagram for MVP | High | 2 | Karl | Working | |
| Extend ER Diagram for Stretch Goals | Medium | 1 | Trey | Working | |
| Extend ER Diagram for Stretch Goals | Medium | 1 | Karl | Working | |
| Normalize ER Diagram | Medium | 1 | Karl | Working | |
| Normalize ER Diagram | Medium | 1 | Trey | Working | |
| Create the Classroom Table | Medium | 2 | Karl | Working | |
| Input data into Classroom Table | Low | 3 | Trey | Working | |
| Create the User Table | Medium | 4 | Karl | Working | |
| Input data into User Table | Low | 1 | Karl | Working | |
| Create the Queries to databases | Medium | 3 | Trey | Working | |
| **Create Front-end** | High | | | Working | |
| Create Wireframe of Home Page for Admin | Medium | 1 | Tyler | Working | |
| Create Wireframe of Login Page for Admin | Low | 0.5 | Victor | Working | |
| Create Wireframe of Home Page for Users | Medium | 1 | Tyler | Working | |
| Create Wireframe for Room Reservation Edit/Update for Admin | Medium | 1 | Victor | Working | |
| Create HTML for Home Page for Users/Admin | Medium | 4 | Tyler | Working | |
| Create JavaScript for Home Page for Users/Admin | Medium | 4 | Tyler | Working | |
| Create HTML of Login Page for Admin | Medium | 3 | Victor | Working | |
| Create JavaScript of Login Page for Admin | Medium | 3 | Victor | Working | |
| Create HTML for Room Reservation Edit/Update for Admin | Medium | 3 | Victor | Working | |

|  | Sprint Number: | 1 |  | Person | Hours Assigned | Hours Completed | Percentage Complete |
|---|---|---|---|---|---|---|---|
|  | Start Date: | 3/8/2018 |  | Tyler | 10 | 0 | 0% |
|  | Sprint Length | 14 |  | Victor | 10.5 | 0 | 0% |
|  | Hours Per Day: | 2.96 |  | Karl | 11 | 0 | 0% |
|  |  |  |  | Trey | 10 | 0 | 0% |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  | Total: | 41.5 | 0 | 0% |

| | Chart Dates | Completed Hours On Date | Current Completed Work | Current Remaining Work | Ideal Remaining Work |
|---|---|---|---|---|---|
| | 3/8/2018 | 0 | 0 | 41.5 | 41.5 |
| | 3/9/2018 | 0 | 0 | | 38.54 |
| | 3/10/2018 | 0 | 0 | | 35.57 |
| | 3/11/2018 | 0 | 0 | | 32.61 |
| | 3/12/2018 | 0 | 0 | | 29.64 |
| | 3/13/2018 | 0 | 0 | | 26.68 |
| | 3/14/2018 | 0 | 0 | | 23.71 |
| | 3/15/2018 | 0 | 0 | | 20.75 |
| | 3/16/2018 | 0 | 0 | | 17.79 |
| | 3/17/2018 | 0 | 0 | | 14.82 |
| | 3/18/2018 | 0 | 0 | | 11.86 |
| | 3/19/2018 | 0 | 0 | | 8.89 |
| | 3/20/2018 | 0 | 0 | | 5.93 |
| | 3/21/2018 | 0 | 0 | | 2.96 |
| | 3/22/2018 | 0 | 0 | | 0.00 |
| | 3/23/2018 | 0 | 0 | | 0.00 |
| | 3/24/2018 | 0 | 0 | | 0.00 |
| | 3/25/2018 | 0 | 0 | | 0.00 |
| | 3/26/2018 | 0 | 0 | | 0.00 |
| | 3/27/2018 | 0 | 0 | | 0.00 |
| | 3/28/2018 | 0 | 0 | | 0.00 |
| | 3/29/2018 | 0 | 0 | | 0.00 |

| Sprint Number | Task Identifier | Priority | Expected Hours | Person | Status |
|---|---|---|---|---|---|
| | **Create Git Repository** | High | | | Working |
| | Set up File Structure for Database | Medium | 0.25 | Victor | Working |
| | Set up File Structure for UI | Medium | 0.25 | Victor | Working |
| | Set up File Structure for Middle/Back-End | Medium | 0.25 | Victor | Working |
| 1 | **Create the Database** | High | | | Working |
| 1 | Create ER (Entity Relationship) Diagram for MVP | High | 2 | Trey | Working |
| 1 | Create ER (Entity Relationship) Diagram for MVP | High | 2 | Karl | Working |
| 1 | Extend ER Diagram for Stretch Goals | Medium | 1 | Trey | Working |
| 1 | Extend ER Diagram for Stretch Goals | Medium | 1 | Karl | Working |
| 1 | Normalize ER Diagram | Medium | 1 | Karl | Working |
| 1 | Normalize ER Diagram | Medium | 1 | Trey | Working |
| 1 | Create the Classroom Table | Medium | 2 | Karl | Working |
| 1 | Input data into Classroom Table | Low | 3 | Trey | Working |
| 1 | Create the User Table | Medium | 4 | Karl | Working |
| 1 | Input data into User Table | Low | 1 | Karl | Working |
| 1 | Create the Queries to databases | Medium | 3 | Trey | Working |
| 1 | **Create Front-end** | High | | | Working |
| 1 | Create Wireframe of Home Page for Admin | Medium | 1 | Tyler | Working |
| 1 | Create Wireframe of Login Page for Admin | Low | 0.5 | Victor | Working |
| 1 | Create Wireframe of Home Page for Users | Medium | 1 | Tyler | Working |
| 1 | Create Wireframe for Room Reservation Edit/Update for Admin | Medium | 1 | Victor | Working |
| 1 | Create HTML for Home Page for Users/Admin | Medium | 4 | Tyler | Working |
| 1 | Create JavaScript for Home Page for Users/Admin | Medium | 4 | Tyler | Working |
| 1 | Create HTML of Login Page for Admin | Medium | 3 | Victor | Working |
| 1 | Create JavaScript of Login Page for Admin | Medium | 3 | Victor | Working |
| 1 | Create HTML for Room Reservation Edit/Update for Admin | Medium | 3 | Victor | Working |
| 2 | Create JavaScript for Room Reservation Edit/Update for Admin | Medium | 3 | Victor | Incomplete |
| 2 | Connect all UI Web Pages for proper flow | Medium | 2 | Tyler | Incomplete |
| 2 | **Create Middle/Back End** | High | | | Incomplete |
| 2 | Create methods to query database | Medium | 1.5 | Tyler | Incomplete |
| 2 | Edit JavaScript code to handle data recieved from queries regrading availability of Classrooms | Medium | 2 | Tyler | Incomplete |
| 2 | Edit HTML code to display the handled data correctly regrading availability of Classrooms | Medium | 2 | Tyler | Incomplete |
| 2 | Edit JavaScript code to implement Search Functionality | Medium | 2 | Karl | Incomplete |
| 2 | Edit HTML code to display Search Functionality | Medium | 2 | Karl | Incomplete |
| 2 | Edit JavaScript code to handle data recieved from queries regarding Administrator Login | Medium | 2 | Victor | Incomplete |
| 2 | Edit HTML code to display data correctly regarding Administrator Login | Medium | 2 | Victor | Incomplete |
| 2 | Create methods to update Database when Administrator wants to edit reservations | Medium | 2 | Trey | Incomplete |
| 2 | Edit JavaScript code to handle data sent to Database | Medium | 2 | Trey | Incomplete |

| Person | Hours Assigned | Hours Completed | Percentage Complete |
|--------|----------------|-----------------|---------------------|
| Tyler | 17.5 | 0 | 0% |
| Victor | 18.25 | 0 | 0% |
| Karl | 15 | 0 | 0% |
| Trey | 14 | 0 | 0% |
| Total: | 64.75 | 0 | 0% |