

**The University of the West Indies**

**Department of Computing and Information Technology**

**Undergraduate Project Course**

**Weekly Status Report**

**Project:** University Shuttle Routing and Tracking System **Date:** 10/04/2019

**Iteration:** Iteration 1

**Implementation Status:** Completed Iteration 1.

**Highlights:** None

**Risks or Issues List**: None

**Tasks in Progress or Completed in the Last Iteration:**List the tasks that each member of the project worked on up to the present time.

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| --- | --- | --- | --- |
| **Task Name** | **Description** | **Team Member** | **% Complete** |
| Create a login screen | Create an activity screen for users to log into the application.  Added option to swap login screens for students or admins/drivers. | All | 100 |
| Student Authentication | Allow students to open the application and automatically sign in using the link sent to their “@my.uwi.edu” email. | Azel | 100 |
| Predicts estimated time of arrival (ETA) | Shows users an ETA of when each shuttle is supposed to arrive after clicking on any specific vehicle. | Azel | 100 |
| Create detail of routes | Add functionality so that details of any static route can be viewed when clicked on, by both students and admin. | Azel | 100 |
| View Stop (Admin) | Allows admin user to view the stops of a route. An Admin can also edit this information. | Azel | 100 |
| View Shuttle | Allows users to view a shuttle’s details: ETA, license plate number, max capacity, driver, route. Admins can edit these. | Azel | 100 |
| View Alerts | Allows admins to create and send alerts to students. Allows students to receive alerts. | Azel | 100 |
| Change Shuttle | Allows driver to select and change the shuttle they are currently operating. | Azel | 100 |
| Change Route | Allows driver to select and change the route they are currently driving on. | Azel | 100 |
| Change On-Duty | Allows driver to show that they are “on duty” or off duty. This is reflected throughout the app for both students and admins. | Azel | 100 |
| Map Edits (Driver) | Plots the stops on a route.  Highlights the route to reach the first stop.  When clicking on a stop, its name is shown, and an ETA is generated. | Azel | 100 |
| Filter shuttles | A student can filter the shuttles that appears on the map by selecting a specific route. | Azel | 100 |
| Create listing of dynamic routes | Allowing admins to add routes to the database. | All | 100 |
| System walkthrough | Review the current system to detect any issues or changes to be made. | Amanda | 100 |

**Upcoming Tasks for the Next Iteration:**

List the tasks that each project member is planning to work on in the upcoming iteration.

|  |  |  |
| --- | --- | --- |
| **Task Name** | **Description** | **Team Member** |
| Contact testers | Send correspondence to users who originally agreed to test our application. | Michael |
| Test product | Conduct the testing and receive feedback/observe results. | Michael |
| View Route | Students will be able to view the shuttle’s routes. | Azel |
| Prompt for Driver sign in | Adds functionality to display a prompt when drivers enter the app to select their vehicle and route. | Azel |
| Show route for all stops (Driver) | Displays an entire route for a driver, directed through each stop for that route. | Azel |
| UI Changes | Make edits to rectify the suggested changes/edits. | Azel |