

**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:** 20/03/2019

**Iteration:** Iteration 1

**Implementation Status:** Undergoing coding processes and pair programming.

**Highlights:** The team decided to implement a listing of dynamic routes instead of the previous implementation of static routes.

**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** |
| Requirements Specification | Functional, non-functional and domain requirements specification based on the analysis of responses from requirements elicitation. | All | 100 |
| Create listing of dynamic routes | Allowing admins to add routes to the database. | All members, spearheaded by Azel | 15 |
| Class Diagram | Creation of a class diagram to encapsulate the classes in the system | Amanda | 100 |
| Entity Relationship Diagram | Creation of Entity Relationship Diagram to describe the Firebase database schema | Amanda | 100 |
| Use Cases | Creation of a use case diagram for the system | Michael and Azel | 100 |
| Sequence Diagram | Creation of sequence diagram to detail a specific activity of the system | Michael | 100 |
| Architectural Design | Detail the high-level components of the system | Azel | 100 |
| Create detail of routes | Add functionality so that details of any static route can be viewed when clicked on | All members, spearheaded by Azel | 90 |
| Implementation Document | Complete the Implementation Document. | All | 100 |

**Upcoming Tasks for the Next Iteration:**

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

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| --- | --- | --- |
| **Task Name** | **Description** | **Team Member** |
| Track vehicle movement | Allow drivers to update their real-time location and updates the movement on the map. | Azel, Amanda |
| Create a login screen | Create an activity screen for users to log into the application. | All |