**Project Status Report I**

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| Date of Report Issue/Prepared: January 16, 2020 |

Report Prepared By: Beatriz Morales

Employer/Organization:

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| Project Name:  Project Team:  Period Reporting:  Overall Project Health | GBC Parking Reservation Application | |
| Team 28 | |
| Start Date: **Jan 07, 2019** | End Date: **Jan 18, 2019** |
| Yellow | |

Summary

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| **Project Status Summary** |
| * Foundations of project have been created (folder, components) * The project repository has been created using GitHub * The project backend has been created (backend folder, database folder) * The database has been created using mongoDB * The backend connection has been successfully established between the application and the database by injecting the connection string obtained from the database into the db.js file in the database folder * Created the components for login, user signup, payment history, submit commit, user dashboard, admin dashboard, cancel registration, extend reservation * The views for the payment history, submit comment, login have been created * The views for the user signup, user dashboard, admin dashboard, cancel reservation and extend reservation are being worked on * The models (schemas) have been created for the database. These models contain the properties of each collection (table) * The backend routes for the user have been created. The file is called ‘user.route.js’ and contains the logic for the database functions that involve the user, such as add user, list users, etc * Created a file called ‘server.js’ which contains the logic to establish the connection to the database * Imported the router module for angular. The router module is responsible for the routing of the application. This means that we can specify the routes and their respective components |

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| **Accomplishments As Planned** | **Planned but not Accomplished** |
| Project skeleton created | 50% or more views completed |
| GitHub repository created | At least one view’s functionality working (ex,user able to create an account) |
| Several components created |  |
| 1 or more views completed |  |
| Database running |  |

Upcoming Objectives for Jan 19, 2019 to Feb 1, 2019

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|  | | **Planned Activities/Tasks for Next Period** | |  |
| Activity/Task | Assigned To | | Duration | Date |
| Finish the remaining views of the application | Beatriz, Afsana, Jin, Geng | | 2 weeks | January 17, 2020 |
| Code the functionalities of at least 50% of the views | Beatriz, Afsana, Jin, Geng | | 2 weeks | January 17, 2020 |
| Look into implementing the payment API into the application | Beatriz, Jin, Afsana, Geng | | 3 weeks | January 17, 2020 |

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|  | **Milestones for Next Period** | | |
| Milestone (Objective) | | Assigned To | Delivery Date |
| 50% of functionalities working | | Beatriz, Afsana, Jin, Geng | Feb 1, 2020 |
| Database queries working, data can be stored and retrieved | | Beatriz, Afsana, Jin, Geng | Feb 1, 2020 |

Managing Issues and Risk

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| **Issues/Problems** | **Resolution Strategy** | **Due Date** |
| Figuring out how the spot reservation function will work | Research on internet possible ways to implement parking reservation using angular | Feb 20, 2020 |
| Figuring out how to implement the payment API | Read the API documentation and perform research online if needed | March 1, 2020 |

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| **Upcoming Risks** | **Risk Ranking**  **(Hi, Med, Low)** | **Risk Impact**  **(Hi, Med, Low)** | **Mitigation Strategy** |
| Not having the outlined tasks done according to schedule | Med | Hi | Apply time management strategies to stay focused and divide the tasks |
| Difficulties implementing the payment API | Med | Med | Read through the API’s documentation extensively. Research possible solutions online |
| Difficulties with coding the spot selection screen | Med | Hi | Research online for ideas on how to begin implementation of spot reservation |

**NOTE: Attach additional sheets if insufficient space available**

**Submission Guidelines:**

Please submit as “T<team number>\_ProjectStatusReport1”.

For e.g. T29\_ProjectStatusReport1

This is a group submission i.e. one per group.

**Due Dates:**

**Sunday, Jan 20, 2019 (11:59 p.m.)**