**Project Status Report I**

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

Report Prepared By: Thong Nguyen

Employer/Organization: Plus84 Group

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| Project Name:  Project Team:  Period Reporting:  Overall Project Health | Restaurant Management System | |
| Team 30 | |
| Start Date: **Jan 06, 2020** | End Date: **Jan 19, 2020** |
| **Warning** | |

Summary

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| **Project Status Summary** |
| Overall, the Restaurant Management System project is progressing well thanks to the dedicated contribution of all team members. Based on the learning. We, unfortunately, cannot follow the learning plan mentioned in sprint 4 in which we set to finish learning both D3.js library as well as Google Cloud Platform by January 9, 2020. However, we reached 70% of the learning path and set to complete the rest by January 20, 2020.  As far as the developing process is concerned, we are supposed to finish developing the manager’s features of the restaurant by January 22, 2020, and we are currently working so hard to achieve that milestone. Also, after a careful discussion with all team members, we try our best to accomplish our business website including stripe API and the dashboard feature by the end of January. Since our team is simultaneously developing both mobile and web version, the process is much faster than the single development counterpart. |

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| **Accomplishments As Planned** | **Planned but not Accomplished** |
| Complete learning NativeScript and simultaneous development (both mobile and web) | The learning plan for Google Cloud Platform |
| Learning Docker | The learning plan for D3.js library |
| Logo Design | POS Data Integration |
| Application subscription payment handling | Find a stakeholder for our application |

Upcoming Objectives for Jan 20, 2020 to Feb 2, 2020

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|  | | **Planned Activities/Tasks for Next Period** | |  |
| **Activity/Task** | **Assigned To** | | **Duration** | **Date** |
| Learning D3.js | Quang Pham, Thanh Quang | | 5 days | Jan 20, 2020 |
| Learning Google Cloud Platform | Thong Nguyen, Tu Nguyen | | 5 days | Jan 20, 2020 |
| Complete business website | Thong Nguyen,  Quang Pham | | 15 days | Jan 31, 2020 |
| Complete dashboard feature | Tu Nguyen, Thanh Quan, Quang Pham | | 15 days | Jan 31, 2020 |
| Complete manager’s features | Thong Nguyen, Thanh Quan | | 17 days | Feb 2, 2020 |
| Learning Ionic Framework for Mitigation Plan | Thong Nguyen, Quang Pham, Thanh Quan, Tu Nguyen | | 10 days | Jan 25, 2020 |

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|  | **Milestones for Next Period** | | |
| **Milestone (Objective)** | | **Assigned To** | **Delivery Date** |
| Complete business website | | Thong Nguyen, Quang Pham | Jan 31, 2020 |
| Comple dashboard feature | | Tu Nguyen, Thanh Quan, Quang Pham | Jan 31, 2020 |
| Comple manager’s features | | Thong Nguyen, Thanh Quan | Feb 2, 2020 |

Managing Issues and Risk

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| **Issues/Problems** | **Resolution Strategy** | **Due Date** |
| Struggling when working with cross-platform application development | Read the documentation over and over again and try to figure out a workaround until it works properly | Jan 14, 2020 |
| Difficulty to find appropriate free API for POS Integration | Up to this point, we fortunately found a couple of good ones such as Squareup, LightSpeed | Jan 16, 2020 |
| Setting up the Docker based development environment encounter some problems due to OS difference | Installed virtual machine, using WSL which stands for Windows Subsystem for Linux | Jan 18, 2020 |

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| **Upcoming Risks** | **Risk Ranking**  **(Hi, Med, Low)** | **Risk Impact**  **(Hi, Med, Low)** | **Mitigation Strategy** |
| Problems when developing with NativeScript | Hi | Hi | We already had plan to study ionic framework at the same time to develop cross-platform application |
| Payment handling API implementation errors | Med | Med | Retry with a different API from another POS application |

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

**Submission Guidelines:**

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

For e.g. T36\_ProjectStatusReport1

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

**Due Dates:**

**Sunday, Jan 19, 2020 (11:59 p.m.)**