**Project Status Report II**

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| Date of Report Issue/Prepared: 2023/03/10 |

Report Prepared By: James Tory

Employer/Organization: George Brown College

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| Project Name:  Project Team:  Period Reporting:  Overall Project Health | Quiztionnaire (Quiz Web Application) | |
| Team 20 | |
| Start Date: **Feb 04, 2023** | End Date: **Mar 10, 2023** |
| Green (Good) - Yellow (Warning) - Red (Bad) | |

Summary

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| **Project Status Summary** |
| The team has completed a significant portion of the project implementation. All the main functionality of the project is functional: quiz creation, quiz taking, class creation quiz scheduling, and grade viewing.  Sprint 7 has focused on adding more information to the front end, improving the quality of the back-end code, and implementing more functions such as editing and deletion.  The dev build of the project has not yet been deployed. |

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| **Accomplishments As Planned** | **Planned but not Accomplished** |
| (FE/BE) Link front and back end of project | (FE) Instructor profile page |
| (FE/BE) Implement core functionality of the system | (FE) Finish student profile page |
| (BE) Replace JavaScript filtering/transformation of DB query results with more complex MongoDB queries. | (FE) Editing and deletion for classes |
| (FE) Filtering and sorting in grade tables | (FE/BE) Fill-in-the-blank quiz questions |
| (FE) Editing and deletion for quizzes and scheduled quizzes. |  |
| (FE) Graph/chart for student and instructor grades |  |
| (FE) Data pagination and filtering for student and instructor pages |  |
| (FE) Average class grades for students |  |
| (BE) Additional/updated routes for new front-end functionality |  |
| (FE) Detailed quiz results upon quiz completion |  |
| (BE) Automatic quiz completion/grading on due date |  |
| (FE) Dynamic page layout based on browser window size |  |

Upcoming Objectives for **Mar 11, 2023 to Mar 31, 2023**

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|  | | **Planned Activities/Tasks for Next Period** | |  |
| Activity/Task | Assigned To  <name/s> | | Duration  <days> | Date |
| (BE) Email verification | James | | 2 | Mar. 15 |
| (FE) Instructor profile page | Arghawan | | 7 | Mar. 19 |
| (FE) Class details page | Joyce | | 7 | Mar. 19 |
| (BE/FE) Grade export | Emanuel | | 7 | Mar. 19 |
| (FE) Fill-in-the-blank quiz questions | Joyce and James | | 5 | Mar. 18 |
| (BE/FE) Class editing and deletion | Emanuel and Arghawan | | 7 | Mar. 20 |
| (DO) AWS server setup with NGINX | James and Emanuel | | 5 | Mar. 17 |
| (DO) Create GitHub actions for deployment | James | | 3 | Mar. 20 |

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|  | **Milestones for Next Period** | | |
| Milestone (Objective) | | Assigned To | Delivery Date |
| Implement all front-end functionality | | Group | March 27 |
| Implement all back-end functionality | | Group | March 27 |
| Deployment | | James | March 20 |
| Sprint 8 | | Group | March 31 |
| Presentation 2 | | Group | April 3-21 |

Managing Issues and Risk

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| **Issues/Problems** | **Resolution Strategy** | **Due Date** |
| Lack of communication | More frequent status updates on Discord.  More explicit communication of delegated tasks for team members. | Mar. 31 |
| Lack of team cohesion during presentation 1 | More detailed review of each team members presentation notes and responsibilities.  Have group members ask questions during meeting before presentation about the project as a whole to ensure their understanding of its features, structure, and technology. | April 3-21 |

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| **Upcoming Risks** | **Risk Ranking**  **(Hi, Med, Low)** | **Risk Impact**  **(Hi, Med, Low)** | **Mitigation Strategy** |
| Increased workload in second half of semester reducing potential time spent working on project. | Med | Hi | Delegate more tasks to each team member.  Request more communication from team members regarding and issues/question with assigned tasks. |
| Difficulty with deploying project to AWS | Low | Hi | Start deployment process ASAP to ensure that any issues will be resolved by project end date. |

[**Front-End Repository**](https://github.com/jamest11/comp3078_frontend)

[**Back-End Repository**](https://github.com/jamest11/comp3078_backend/tree/dev)