Overview

Introduction

The program includes a web-based secure role-based system for collecting student contributions for an annual university magazine for a large university. The university wants marketing manager, coordinator, administrator on the client side and guest, student on the end user side. A guest account can be used to view the selected magazines for each faculty. The marketing manager can oversee the whole process and can download the students’ articles as a zip file. The marketing coordinator can comment on the student magazines and the students have the opportunity to submit one or more articles to the magazines and also high-quality images. The project development method will be the scrum method. The members include database designer, web designer, scrum master, programmer and tester. The steps of the development state are defining project backlogs, identifying sprints and outputting burndown chart every week.

[Keywords: scrum, backlogs, sprints, web-based, role-based, development state]

Aim

The aim of this course work is to get high performance program and get a professional standard documentation.

Meeting Minutes

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| **Meeting Number** | 1 |
| **Date**  **Meeting time** | 18 September, 2020.  1 hour 20 minutes. |
| **Absentee** | None. |
| **Discussions**.   * Discuss about the technology to be used in coursework. * Discuss the ERD of the coursework. * Discuss the wireframes * Discuss user Stories. | |
| **Outcomes**   * Decided to use HTML, CSS, BOOTSTRAP, JQUERY, VUE JS * Discuss and Assign the task to database designer * Web-designer starts to implement the wireframes. * Identify and separate the user stories in the coursework scenario according to the user level (Role) | |

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| **Meeting Number** | 2 (Sprint Planning) |
| **Date**  **Meeting time** | 26 September, 2020.  3 hour. |
| **Absentee** | None. |
| **Discussions**   * Discuss the backlog to priorities * Define the sprint goals. * Discuss about the estimate values of the task * Discuss how to procedure * Discuss about the terms and conditions | |
| **Outcomes**   * Set the sprint goal as Admin Login, Define Article (Closure date, End Date) Register Member Login Member Upload Contribution Edit Contribution. * Set the estimate value points. * Decide to use Gitlab for the development. | |

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| **Meeting Number** | 4 (Sprint Review) |
| **Date**  **Meeting time** | 5 October, 2020.  1 hour 20 minutes. |
| **Absentee** | None. |
| **Discussions**   * Demonstration of the result. * Review the sprint-1 * Identify the issues occurred | |
| **Outcomes**   * All the tasks completed successfully * Left the encryption functionality of the password. | |

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| **Meeting Number** | 5 (Sprint Retrospective) |
| **Date**  **Meeting time** | 7 October, 2020.  45 minutes. |
| **Absentee** | None. |
| **Discussions**   * Discuss the wireframes created by the web-designer. * Discuss about how to improve the workshop. | |
| **Outcome**   * Changes made in workflow (consider the admin role as only one person) * Admin can only create the account of marketing coordinator, and manager. * Decide to use the discord during the implementing coding to get more transparency. | |

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| **Meeting Number** | 6 (Sprint-2 Planning) |
| **Date**  **Meeting time** | 12 October, 2020.  1 hour 20 minutes. |
| **Absentee** | None. |
| **Discussions**   * Define the sprint goal. * Discuss about the estimate values of the task | |
| **Outcomes**   * Set the sprint goal as Feedback of Manager, Profile pages of student, manager, coordinators, Guest Page | |

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| **Meeting Number** | 7 (Sprint Review and Retrospective) |
| **Date**  **Meeting time** | 17 October, 2020.  1 hour. |
| **Absentee** | None. |
| **Discussions**   * Review the result. * Discuss about the difficulties | |
| **Outcomes**   * All the tasks are completed except the guest display. * The guest will not be implemented as the separate pages. * Implementing authorization rules to the student page will solve the guest display problem | |

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| **Meeting Number** | 8 |
| **Date**  **Meeting time** | 18 October, 2020.  1 hour 10 minutes. |
| **Absentee** | None. |
| **Discussions**   * Discuss about how to make zip and download feature * Discuss about how to implement the notification system * Make clear statement of authorization rules * Discuses about the user manual | |
| **Outcomes**   * Decided not to store Zip and download record in the database. * Use smtp mail server for the real time e-mail notification system. * Decide the clear rules for each role of the system. * Each role of the use manual is assigned the responsible backend developer. | |

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| **Meeting Number** | 9 (Sprint Planning) |
| **Date**  **Meeting time** | 19 October, 2020.  1 hour 20 minutes. |
| **Absentee** | None. |
| **Discussions**   * Define the estimate value for the tasks | |

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| **Meeting Number** | 10 (Sprint Review) |
| **Date**  **Meeting time** | 25 October, 2020.  1 hour 30 minutes. |
| **Absentee** | None. |
| **Discussions**   * Discuss about the process. * Discuss about the difficulties. | |
| **Outcomes**   * The sprint will not be finished in time because it takes time more than expexted in the authorization task. | |