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| Central Queensland University, Sydney |
| Project Progress Report  Rotary Youth Drive Awareness Project |
| COIT20273: Software Design and Development Project |
|  |
| Lecturer/Tutor: Zakiullah Khan Course Coordinator: Dr. Lily Li |
| **Due date: 9/22/2017** |

Project Members:

Bijay Shahi (12021856)

Keshav Khadka (S0280624)

Pratik Shrestha (S0282733)

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| **S.N.** | **Document Name** | **Version** | **Revision Date** |
| 1. | Project progress report | 1.0 | 2017-08-04 |
| 2. | Project progress report | 1.1 | 2017-08-25 |
| 3. | Project Progress report | 1.2 | 2017-09-08 |
| 4. | Project Progress report | 1.3 | 2017-09-22 |

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# 1. Program Milestones

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| **S.N.** | **Milestone** | **% Completion** | **Description** | **Week Completed** |
| 1 | Project plan submission | 100% | The requirement was analysed in detail. Also, hardware, software and human resources were identified and work break down structure was created. Furthermore, risk plan and quality plan were discussed. | 3rd Week |
| 2 | Progress report 1 submission | 100% | Progress until 4th Week has been listed. | 4th Week |
| 3 | Requirement specification submission | 100% | Identified functional and non-functional requirement of the system with priority. Actors and use cases were identified for the UML diagram and mapped with the requirements. | 5th Week |
| 4 | Progress report 2 submission | 100% | Progress until 6th Week has been listed. | 6th Week |
| 5 | Design document submission | 100% | System architecture and Layer model of the system was defined. Database for the system was designed and Class diagram was created. GUI and sequence diagram of the system was designed. | 6th Week |
| 6 | Progress report 3 submission | 100% | Progress until 8th Week has been listed. | 8th Week |
| 7 | Progress report 4 submission | 100% | Progress until 10th Week has been listed. | 10th Week |
| 8 | Implementation and testing document submission | 100% | Model, View and Presentation layer for the application were implemented. Data required for the application were populated in the database. Unit testing for the developed application was carried out and the workability of the integrated application was validated through integration testing. The application was validated against the requirement specification and the design document. And finally, the user manual was prepared for the users to use the application. | 10th Week |
| 9 | Project review and project portfolio submission | 0% |  |  |

# 2. Schedule

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| **Scheduled Week for Milestone Completion** | | | | | | | | | |  |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |  | **Current Week**  **Week 10** |
| **2** |  |  |  |  |  |  |  |  | 4 |
|  | **3** |  |  |  |  |  |  |  | 5 |
|  |  | **4,5** |  |  |  |  |  |  | 6 |
|  |  |  |  |  |  |  |  |  | 7 |
|  |  |  |  | **6** |  |  |  |  | 8 |
|  |  |  |  |  |  |  |  |  | 9 |
|  |  |  |  |  |  | **7,8** |  |  | 10 |
|  |  |  |  |  |  |  |  |  | 11 |
|  |  |  |  |  |  |  |  | **9** | 12 |

**Table 2. Schedule**

# 3. Milestone breakdown and completion

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| **Milestone – Project Plan Submission** | | | | | | |
| **Activity** | **Allocation** | | | **Implementation** | | |
| **Personnel** | **From** | **To** | **Personnel** | **Percentage Completed** | **Remarks** |
| Work Breakdown Structure and Schedule | **Keshav Khadka** | **26th July 2017** | **30th July 2017** | **Keshav Khadka** | **100%** |  |
| Identification of Hardware & Software, Feasibility Study | **Keshav Khadka** | **26th July 2017** | **30th July 2017** | **Bijay Shahi** | **100%** |  |
| Risk plan and Quality plan | **Keshav Khadka** | **26th July 2017** | **30th July 2017** | **Pratik Shrestha** | **100%** |  |

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| **Milestone –** **Progress report 1 submission** | | | | | | |
| **Activity** | **Allocation** | | | **Implementation** | | |
| **Personnel** | **From** | **To** | **Personnel** | **Percentage Completed** | **Remarks** |
| Progress Report | **Keshav Khadka** | **2nd August 2017** | **4th August 2017** | **Pratik Shrestha** | **100%** |  |

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| **Milestone – Requirement specification submission** | | | | | | |
| **Activity** | **Allocation** | | | **Implementation** | | |
| **Personnel** | **From** | **To** | **Personnel** | **Percentage Completed** | **Remarks** |
| Functional and Non-functional requirement identification | **Keshav Khadka** | **5th August 2017** | **11th August 2017** | **Bijay Shahi** | **100%** |  |
| UML Diagram | **Keshav Khadka** | **5th August 2017** | **11th August 2017** | **Keshav Khadka** | **100%** |  |
| UML Diagram text description and Mapping with requirement | **Keshav Khadka** | **5th August 2017** | **11th August 2017** | **Pratik Shrestha** | **100%** |  |

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| **Milestone –** **Progress report 2 submission** | | | | | | |
| **Activity** | **Allocation** | | | **Implementation** | | |
| **Personnel** | **From** | **To** | **Personnel** | **Percentage Completed** | **Remarks** |
| Progress Report | **Keshav Khadka** | **15th August 2017** | **25th August 2017** | **Pratik Shrestha** | **100%** |  |

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| **Milestone – Design document submission** | | | | | | | | | | |
| **Activity** | | **Allocation** | | | | **Implementation** | | | | |
| **Personnel** | | **From** | **To** | **Personnel** | | **Percentage Completed** | | **Remarks** |
| Software Architecture | | **Keshav Khadka** | | **15th August 2017** | **25th August 2017** | **Keshav Khadka** | | **100%** | |  |
| Layer Modelling | | **Keshav Khadka** | | **15th August 2017** | **25th August 2017** | **Keshav Khadka** | | **100%** | |  |
| Database Design | | **Keshav Khadka** | | **15th August 2017** | **25th August 2017** | **Keshav Khadka** | | **100%** | |  |
| Class Modelling | | **Keshav Khadka** | | **15th August 2017** | **25th August 2017** | **Keshav Khadka** | | **100%** | |  |
| User Interface Design | | **Keshav Khadka** | | **15th August 2017** | **25th August 2017** | **Pratik Shrestha** | | **100%** | |  |
| Behaviour Modelling | | **Keshav Khadka** | | **15th August 2017** | **25th August 2017** | **Bijay Shahi** | | **100%** | |  |
| Requirements Mapping | | **Keshav Khadka** | | **15th August 2017** | **25th August 2017** | **Bijay Shahi, Pratik Shrestha** | | **100%** | |  |
| **Milestone –** **Progress report 3 submission** | | | | | | | | | | |
| **Activity** | **Allocation** | | | | | | **Implementation** | | | |
| **Personnel** | | **From** | | **To** | | **Personnel** | | **Percentage Completed** | **Remarks** |
| Progress Report | **Keshav Khadka** | | **4th September 2017** | | **8th September 2017** | | **Pratik Shrestha** | | **100%** |  |

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| **Milestone –** **Progress report 4 submission** | | | | | | |
| **Activity** | **Allocation** | | | **Implementation** | | |
| **Personnel** | **From** | **To** | **Personnel** | **Percentage Completed** | **Remarks** |
| Progress Report | **Bijay Shahi** | **9th September 2017** | **22nd September 2017** | **Pratik Shrestha** | **100%** |  |

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| **Milestone – Implementation and testing document submission** | | | | | | |
| **Activity** | **Allocation** | | | **Implementation** | | |
| **Personnel** | **From** | **To** | **Personnel** | **Percentage Completed** | **Remarks** |
| Implement model layer | **Bijay Sahi, Keshav Khadka** | **9th September 2017** | **22nd September 2017** | **Pratik Shrestha,**  **Keshav Khadka** | **100%** |  |
| Implement view layer | **Keshav Khadka, Bijay Shahi** | **9th September 2017** | **22nd September 2017** | **Pratik Shrestha,**  **Bijay Shahi** | **100%** |  |
| Implement presentation layer | **Pratik Shrestha, Bijay Shahi** | **9th September 2017** | **22nd September 2017** | **Bijay Shahi, Keshav Khadka** | **100%** |  |
| Populate database | **Keshav Khadka** | **9th September 2017** | **22nd September 2017** | **Pratik Shrestha** | **100%** |  |
| Perform unit tests | **Bijay Shahi** | **9th September 2017** | **22nd September 2017** | **Pratik Shrestha** | **100%** |  |
| Perform integration tests | **Pratik Shrestha** | **9th September 2017** | **22nd September 2017** | **Pratik Shrestha** | **100%** |  |
| Validation against requirement specification and design documents | **Keshav Khadka** | **9th September 2017** | **22nd September 2017** | **Keshav Khadka** | **100%** |  |

**Table 3. Milestone breakdown and completion**

# 4. Staffing

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| **Team members** | **Hours worked** |
| Bijay Shahi | 48 hours |
| Keshav Khadka | 40 hours |
| Pratik Shrestha | 40 hours |

# 5. Effort

**Fig.1. Effort**