**Software Projects Research Document**

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| **Assignment Tasks:** | **Assigned to:** | **Deadline** | **Progress** |
| 1. Group Report: Project Proposal | **All** | 15/12/2017 | Complete |
| 1. Group Presentation | **All** | 09/03/2018 |  |
| 1. Group Final Report and Implementation | **All** | 23/03/2018 |  |

**Weekly Tasks:**

***(Please see the weekly tasks and insert your research below the table, please can you include any references you use as we will need to make a bibliography for the report VIP)***

**Week 12: Introduction to Agile Project Management**

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| **Task:** | **Requirements:** | **Date due** |
| 1. Backlog | Create backlogs for our site | 17 October 2017 |

**Week 13: Kanban and Scrum**

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| **Task:** | **Requirements:** | **Date due** |
| 1. Translate your functional and technical architecture, and your personas/user stories into a Backlog | Translate personas user stories into Backlogs (see documentation from Term 1) | 23 January 2017 |
| 1. Review your project backlog | Look at project backlog | 23 January 2017 |
| 1. Agree your sprint | How are we going to sprint | 23 January 2017 |
| 1. Sprint duration | What is the duration of the sprint | 23 January 2017 |
| 1. Sprint backlog, including user stories/acceptance criteria | Define the sprint backlog and acceptance criteria | 23 January 2017 |
| 1. Team roles | What are the team roles? | 23 January 2017 |
| 1. Scrum logistics: how to have the “daily scrums” | Set the logistics of the daily scrums. | 23 January 2017 |

**Functional and technical architecture of personas using backlog**

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**Review Project Backlog**

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**How are we going to Sprint?**

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**What is the duration of the Sprint?**

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**Definition of Sprint backlog and acceptance criteria**

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**Team Roles**

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**Logistics of daily scrums**

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**Week 14: Test Driven Software Development (Guest Speaker)**

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| **Task:** | **Requirements:** | **Date due** |
| [] | []. | 31 October 2017 |
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**WEEK 15: AGILE AND STAKEHOLDER ENGAGEMENT**

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| **Task:** | **Requirements:** | **Date due** |
| 1. Map out timescales | Map out your project as best you can to meet the objectives within the timescales that you are working within. | 13 November 2017 |
| 2. Major tasks and sub-tasks | Identify major tasks and sub-tasks that will contribute to achieving the tasks. | 13 November 2017 |
| 3. Allocate | Attribute resources to those tasks | 13 November 2017 |
| 4. Milestones - internal/external | Identify milestones, both internal and as external deliverables for your project | 13 November 2017 |
| 5. Identify critical path | Sequence the tasks, identify the critical path and where you have slack time in the project sequence. | 13 November 2017 |
| 6. Identify project management tool and construction of Gantt chart | Select a project management tool and construct a Gantt chart for your project . | 13 November 2017 |
| 1. Identify prototypes to use | Identify which conceptual prototypes you will need in order to validate your project with users and stakeholders. | 13 November 2017 |
| 1. Identify conceptual prototypes | Identify which conceptual prototypes you will need in order to answer any technical open questions that you may have. | 13 November 2017 |
| 1. Schedule for using prototypes | Prepare a schedule for using your prototypes to answer the questions they were designed to answer. | 13 November 2017 |

**Map out timescales**

**Major tasks and sub-tasks**

**Allocate Resources**

**Milestones: External and Internal**

**Critical Paths**

**Project Management tools**

**WEEK 16: TEAM REVIEW & RETROSPECTIVES: THE FINAL REPORT**

**WEEK 17: READING WEEK**

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| **Task:** | **Requirements:** | **Date due** |
| 1. [] | [] | 21 November 2017 |
| 1. [] | []. | 21 November 2017 |
| 1. [] | []. | 21 November 2017 |

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**BIBLIOGRAPHY**

<http://materializecss.com/forms.html> [20 January 2018]