Milestone and activity list

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| **Date** | 29 October 2022 |
| **Team ID** | PNT2022TMID46138 |
| **Project Members** | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **Project Name** | Inventory Management System for Retailers |
| **Project mentors** | Industry mentor –VasudevaHanush  Faculty mentor – Padmavathi.R |

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| **Activity number** | **Activity name** | **Detailed activity description** | **Assigned to** |
| **1** | Preparation Phase | * Access the resources (courses) in project dashboard * Access the guided project workspace * Create GitHub account & collaborate with Project Repository in project workspace * Set-up the Laptop / Computers based on the   prerequisites for each technology track | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **2** | Ideation Phase |  |  |
| **2.1** | Literature survey | Literature survey on the selected project & Information Gathering | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **2.2** | Define a problem statement | Prepare the list of problem statements to understand the user needs | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **2.3** | Empathy Map | Preparation of Empathy Map Canvas to capture the user Pains & Gains | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |

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| **2.4** | Brainstorm & idea prioritization | List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **3** | Project Design Phase -I |  |  |

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| **Activity number** | **Activity name** | **Detailed activity description** | **Assigned to** |
| **3.1** | Proposed Solution | Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model,  social impact, scalability of solution | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **3.2** | Problem Solution Fit | Prepared problem is analyzed and make effective solutions for the problem | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **3.3** | Solution Architecture | Prepare an architecture for solution | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **4** | Project Design Phase  -  II |  |  |
| **4.1** | Requirement Analysis | Prepare the Functional Requirement and Non- Functional Document | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **4.2** | Customer Journey | Preparation of customer journey maps to understand the user interactions & experiences with the application (entry  to exit) | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **4.3** | Data Flow Diagrams | Prepare a Data Flow Diagram for Project use level0 (Industry Standard) | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **4.4** | Technology Architecture | Prepare Technology Architecture of the solution | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **5** | Project Planning Phase |  |  |

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| **5.1** | Milestones & Tasks | Prepare Milestone & Activity List | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **5.2** | Sprint Schedules | Prepare Sprint Delivery Plan | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **6** | Project  Development Phase |  |  |
| **Activity number** | **Activity name** | **Detailed activity description** | **Assigned to** |
| **6.1** | Coding & Solutioning | Sprint-1 Delivery: Develop the Code, Test and push it to GitHub. | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **6.2** | Acceptance Testing | Sprint-2 Delivery: Develop the Code, Test and push it to GitHub.  Sprint-3 Delivery: Develop the Code, Test and push it to GitHub. | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |
| **6.3** | Performance Testing | Sprint-4 Delivery: Develop the Code, Test and push it to GitHub. | Nawfal khan.B Sabareeson.V Ajithkumar.R Sutharsan.K Felix.J |

Milestone with timeline chart:

