# MILESTONE ANDACTIVITY LIST

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| Team ID | PNT2022TMID35152 |
| Project Name | Project - Retail Store Stock Inventory Analytics |
| Maximum Marks | 2 Marks |

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| **Project Name** | Retail Store Stock Inventory Analytics | Name of the members | Shivani,oshin,vidya,nithisha |
| **Team ID** | PNT2022TMID35152 | **Team Members** | 4 |

| Activity Number | Activity Name | Detailed Activity Description | Assigned To | Status / Comments |
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| 1 | **Preparation Phase** | • Access the resources (courses) in project dashboard <br> • Access the guided project workspace <br> • Create GitHub account & collaborate with Project Repository in project workspace <br> • Set-up the Laptop / Computers based on the prerequisites for each technology track | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | It refers to done the listed activities in the preparation phase and done Prerequisites, Registration, Environment setup |

| 2 | **Ideation Phase** | • Literature survey on the selected project & Information Gathering<br>• Preparation of Empathy Map Canvas to capture the user Pains & Gains, Preparelist of problem statements<br>• List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | The activities in ideation phase refers to when gathering the idea for project information and picturize in Empathy map, referring the literature survey & brainstorming the ideas for this project. |
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| 3 | **Project Design Phase -I** | | | |
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| 3.1 | Proposed Solution | Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | The solution for the project is prepared as a standard document structure from Team members |
| 3.2 | Problem solution fit | Preparation of problem solution fit | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | Prepared problem is analyzed and make effective solutions for the problem |

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| 3.3 | Solution Architecture | Prepare an architecture for solution | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | Suitable block diagram template used to prepare Solution architecture |
| **4** | **Project Design Phase -II** | | | |
| 4.1 | Requirement Analysis | Prepare the Functional Requirement and Non-Functional Document | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | Listing of functional and non-functional requirements of project. |
| 4.2 | Customer Journey | Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit) | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | Customer journey map prepared by suitable template by team members. |
| 4.3 | Data Flow Diagrams | Prepare a Data Flow Diagram for Project | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | Use suitable data flow diagram rules and standards to prepare DFD |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | We created architecture diagram and technologies used for this project |
| **5** | **Project planning phase** | | | |

| 5.1 | Milestones & Tasks | Prepare Milestone & Activity List | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | When project begins then it is expected that project related activities must be initiated. In project planning, series of milestones must be established. |
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| 5.2 | Sprint Schedules | Prepare Sprint Delivery Plan | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | In this, Product Backlog, Sprint Schedule for the Project are estimated. |
| **6** | **Project Development Phase** | | | In this, we are going to develop & submit the developed code by testing it. |
| 6.1 | Coding & Solutioning | Sprint-1 Delivery: Develop the Code, Test and push it to GitHub. | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | |
| 6.2 | Acceptance Testing | • Sprint-2 Delivery: Develop the Code, Test and push it to GitHub.<br>• Sprint-3 Delivery: Develop the Code, Test and push it to GitHub. | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | |
| 6.3 | Performance Testing | Sprint-4 Delivery: Develop the Code, Test and push it to GitHub. | Surya Sivani, Oshin Amirthana, Vidya dharshyni, Nithisha | |

## Milestone:

When project begins then it is expected that project related activities must be initiated. In project planning, series of milestones must be established. Milestone can be defined as recognizable endpoint of software project activity.

At each milestone, report must be generated.

Milestone is distinct and logical stage of the project. It is used as signal post for project start and end date, need for external review or input and for checking budget, submission of the deliverable, etc. It simply represents clear sequence of events that are incrementally developed or build until project gets successfully completed. It is generally referred to as task with zero-time duration because they are used to symbolize an achievement or point of time in project. It helps in signifying change or stage in development.



Milestone Timeline Chart