# Milestone and Activity list

| Activity number | Activity name | Activity description | Assigned to |
|---|---|---|---|
| 1 | Preparation Phase | • Access the resources(courses) in project dashboard<br>• Access the guided project workspace<br>• Create a GitHub account & collaboratewith Project Repository in the project workspace<br>• Set up the Laptop / Computers based on the prerequisites for each technology track | Santhosh, Ashika, Sankarlal, K Praveen |
| 2 | Ideation Phase | | |
| 2.1 | Literature survey | Literature survey on the selected project & Information Gathering | Santhosh, Ashika, Sankar Lal, K Praveen |
| 2.2 | Define a problem statement | Prepare the list of problem statements to understand the user's needs | Santhosh, Ashika, Sankar Lal, K Praveen |
| 2.3 | Empathy Map | Preparation of Empathy Map Canvas to capture the user's Pains & Gains | Sankarlal, Santhosh |
| 2.4 | Brainstorm &idea prioritization | List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance | Santhosh, Ashika, Sankar Lal, K Praveen |
| 3 | Project Design Phase I | | |
| 3.1 | Proposed Solution | Preparation of proposed solution document, which includes the novelty, feasibility of the idea, business model, social impact, scalability of the solution | Santhosh, Ashika |
| 3.2 | Problem Solution Fit | Prepared problem is analyzing and making effective solutions for the problem | Sankarlal, K Praveen |
| 3.3 | Solution Architecture | Prepare an architecture for the solution | Santhosh, Ashika, Sankar Lal, K Praveen |
| 4 | Project Design Phase II | | |

| 4.1 | Requirement Analysis | Prepare the Functional Requirement and Non- Functional Document | Sankarlal, Ashika |
|-----|---------------------|----------------------------------------------------------------|---------------------|
| 4.2 | Customer Journey | Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit) | Santhosh, K Praveen |
| 4.3 | Data Flow Diagrams | Prepare a Data Flow Diagram for Project use level 0 (Industry Standard) | Santhosh, Sankarlal |
| 4.4 | Technology Architecture | Prepare the Technology Architecture of thesolution | Ashika, K Praveen |
| **5** | Project Planning Phase | | |
| **5.1** | Milestones & Tasks | Prepare Milestone & Activity List | Santhosh, Ashika |
| **5.2** | Sprint Schedules | Prepare Sprint Delivery Plan | Sankar Lal, K Praveen |
| **6** | Project Development Phase | | |
| **6.1** | Coding & Solutioning | Sprint-1 Delivery: Develop the Code, Test, and push it to GitHub. | K Praveen, Santhosh |
| **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 | Sankarlal, Ashika  Santhosh, Ashika, Sankar Lal, K Praveen |
| **6.3** | Performance Testing | Sprint-4 Delivery: Develop the Code, Test, and push it to GitHub. | Santhosh, Ashika, Sankar Lal, K Praveen |