MILESTONE & ACTIVITY LIST

|  |  |
| --- | --- |
| Date | 25 October 2022 |
| Team ID | PNT2022TMID23120 |
| Project Name | Early Detection of Chronic Kidney Disease  Using Machine learning |

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |  |
| 2 | **Ideation Phase** |  |  |
| 2.1 | Literature survey | Literature survey on the selected project & Information  Gathering | G.V.Arun |
| 2.2 | Define a problem statement | Prepare the list of problem statements to understand the user needs | M.Gokul shyam |
| 2.3 | Empathy Map | Preparation of Empathy Map Canvas to capture the user Pains & Gains | Jeyrenga rajendiran |
| 2.4 | Brainstorm & idea prioritization | List the ideas by organizing the brainstorming session and  prioritize the top 3 ideas based on the feasibility & importance |  |

PROJECT DESIGN PHASE I

|  |  |  |  |
| --- | --- | --- | --- |
| **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 | M.Gokul shyam |
| 3.2 | Problem Solution Fit | Prepared problem is analysed and make effective solutions for  the problem | Muthalagu |
| 3.3 | Solution Architecture | Prepare an architecture for solution | G.V.Arun |

PROJECT DESIGN PHASE II

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity number** | **Activity name** | **Detailed activity description** | **Assigned to** |
| 4.1 | Requirement Analysis | Prepare the Functional Requirement and Non- Functional Document | M.Gokul shyam |
| 4.2 | Customer Journey | Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit) | Jeyrenga rajendiran |

|  |  |  |  |
| --- | --- | --- | --- |
| 4.3 | Data Flow Diagrams | Prepare a Data Flow Diagram for Project use level0 (Industry Standard) | Muthalagu |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | G.V.Arun |

PROJECT PLANNING PHASE

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity number** | **Activity name** | **Detailed activity description** | **Assigned to** |
| 5.1 | Milestones & Tasks | Prepare Milestone & Activity List | M.Gokul shyam |
| 5.2 | Sprint Schedules | Prepare Sprint Delivery Plan | M.Gokul shyam |

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. | Muthalagu |
| 6.2 | Acceptance Testing | Sprint-2 Delivery: Develop the Code, Test and push it to GitHub.  Sprint-3 Delivery: Develop the Code, | M.Gokul shyam  G.V.Arun |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Test and push it to GitHub. |  |
| 6.3 | Performance Testing | Sprint-4 Delivery: Develop the Code, Test and push it to GitHub | Muthalgu  Jeyrenga rajendiran |

MILESTONE WITH TIMELINE CHART:

