**Project Planning Phase**

**Project Planning (Milestones & Activity list)**

Date

Team ID

Project Name

08 November 2022

PNT2022TMID49645

Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

**Remaining tasks (Milestones & Activities) to be completed**

|  |  |
| --- | --- |
| **Milestones** | **Activities** |
|  |  |
| Project development phase | Delivery of sprint- 1,2,3,4 |
|  |  |
| Create and configure and IBM cloud services | Create IBM Watson |
|  |  |
| Create and access deep learning | Create v1 to interact with app deploy |
|  |  |
|  | Create IBM and connect with python |
|  |  |
| Create & database in cloudant DB | Launch the cloudant DB and Create database |
|  |  |
| Develop the python flask | Install the python software |
|  |  |
|  | Develop python code |
|  |  |
| Create the web application | Develop the web application |
|  |  |
|  | To intensity and showcase on open CV window |
|  |  |

**Finished Tasks (Milestones & Activities)**

|  |  |  |
| --- | --- | --- |
| **Milestones** | **Activities** | **Description** |
|  |  |  |
| Ideation phase | literature | Literature survey on the selected |
|  |  | project & information gathering |
|  | Empathy Map | Prepare empathy map to capture |
|  |  | the user pains & gains, prepare |
|  |  | list of problem statement |

|  |  |  |
| --- | --- | --- |
|  | Ideation | Organizing the brainstorming |
|  |  | session and priorities the top 3 |
|  |  | ideas based on feasibility & |
|  |  | Importance |
| Project design phase I | Proposed solution | Prepare proposed solution |
|  |  | document which includes |
|  |  | novelty, feasibility of ideas, |
|  |  | business model, social |
|  |  | impact, |
|  |  | scalability of solution |
|  | Problem solution fit | Prepare solution fit document |
|  |  |  |
|  | Solution Architecture | Prepare solution architecture |
|  |  | Document |
| Project Design Phase II | Customer journey | Prepare customer journey map |
|  |  | to understand the user |
|  |  | interaction & experience with |
|  |  | the application |
|  | Functional requirement | Prepare functional & non |
|  |  | functional requirement |
|  |  | Document |
|  | Data flow diagram | Prepare Data flow Diagram |
|  |  |  |
|  | Technology Architecture | Draw the technology |
|  |  | architecture diagram |
|  |  |  |
| Project planning phase | Milestones & Activity list | Prepare milestones and activity |
|  |  | list of the project |
|  | Sprint delivery plan | Prepare sprint delivery plan |
|  |  |  |
| Create and configure and IBM | Create IBM cloud account | IBM cloud account created |
| cloud services |  | successfully by all the members |