Project Planning Phase Milestones & Activities

|  |  |
| --- | --- |
| **Team Leader** | **Shreetha.M** |
| Team Members | Shwathi.R.M |
|  | Soundarya.D |
|  | Sangeetha.S |

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Milestones | Activities | Team Members |
| 1. | **Setting up application Environment** | Create Flask Project | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Create IBM Cloud account | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Install IBM Cloud CLI | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Docker CLI Installation | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Create an account in Sendgrid | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Create an account in Nutrition API | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
| 2. | **Implementation of Web Application** | Create UI to interact with application | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Create IBM DB2 and Connect with Python | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Integrate Nutrition API | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
| 3. | **Integrating SendGrid Service** | SendGrid integration with Python code | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |

|  |  |  |  |
| --- | --- | --- | --- |
| 4. | **Deployment of App in IBM Cloud** | Containerize the app | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Upload Image to IBM Container Registry | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Deploy in Kubernetes Cluster | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |

|  |  |  |  |
| --- | --- | --- | --- |
| 5. | **Ideation Phase** | Literature Survey On The Selected Project & Information Gathering | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Prepare Empathy Map | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Ideation | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
| 6. | **Project Design Phase - I** | Proposed Solution | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Problem Solution Fit | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Solution Architecture | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
| 7. | **Project Design Phase - II** | Customer Journey | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Functional requirement | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Data Flow Diagrams | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Technology Architecture | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
| 8. | **Project Planning Phase** | Prepare Milestones & Activity List | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Sprint Delivery Plan | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
| 9. | **Project Development Phase** | Project Development – Delivery of Sprint – 1 | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Project Development – Delivery of Sprint – 2 | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Project Development – Delivery of Sprint – 3 | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |
|  |  | Project Development – Delivery of Sprint - 4 | Shreetha.M  Shwathi.R.M  Soundarya.D  Sangeetha.S |