**MILESTONE AND ACTIVITY LIST – Smart Farmer**

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| --- | --- | --- | --- | --- | --- |
| S.no | Milestone | Activities | Start | Finish | Status |
| 1. | **IBM Cloud services** | Create an IBM account | 22/08/2022 | 27/08/2022 | Complete |
|  | Pre Requisites |  | 22/08/2022 | 27/08/2022 | Complete |
|  | MIT App inventor | Sign up for MIT app Inventor for creating Apps | 22/08/2022 | 27/08/2022 | Complete |
|  | Create an Account in Fast2sms Dashboard | Create an account in Fast2sms | 22/08/2022 | 27/08/2022 | Complete |
|  | Software | Install python IDLE 3.7.0 | 22/08/2022 | 27/08/2022 | Complete |
| 2. | **Project Objectives** | Prepare the project objectives | 22/08/2022 | 27/08/2022 | Complete |
| 3. | **Create and configure IBM cloud services** |  | 03/10/2022 | 10/10/2022 | Complete |
|  | Create a IBM Watson IOT platform and a device | Create a IBM Watson IOT platform and a device | 03/10/2022 | 10/10/2022 | Complete |
|  | Create Node RED service | Create Node RED service | 10/10/2022 | 10/10/2022 | Complete |
| 4. | **Develop a python script** | Develop a python code | 12/10/2022 | 19/10/2022 | Complete |
| 5. | **Build a web application using Node RED Service** | Build a web application using Node-Red Services | 22/08/2022 |  | In Progress |
| 6. | **Develop A Mobile Application** | Develop a Mobile Application | 22/08/2022 |  | In Progress |
| 7. | **Ideation Phase** |  | 29/08/2022 | 17/09/2022 | Complete |
|  | Literature Survey | Literature survey on the selected project & Information Sharing | 29/08/2022 | 03/09/2022 | Complete |
|  | Empathy Map | Prepare Empathy canvasto capture the user’s pain & gain, Prepare List of problem statement | 05/09/2022 | 10/09/2022 | Complete |
|  | Ideation | List the ideas by organizing the brainstorming session & importance | 12/09/2022 | 17/09/2022 | Complete |
| 8. | **Project design phase - I** |  | 12/09/2022 | 01/10/2022 | Complete |
|  | Proposed Solution | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution , etc | 12/09/2022 | 17/10/2022 | Complete |
|  | Problem solution Fit | Prepare problem – Solution Fit Architecture | 26/09/2022 | 01/10/2022 | Complete |
|  | Solution Architecture | Prepare solution Architecture | 26/09/2022 | 01/10/2022 | Complete |
| 9. | **Project Design phase - II** |  | 03/10/2022 | 08/10/2022 | Complete |
|  | Customer Journey | Prepare the customer journey maps to understand the user interactions & experiences with the application | 03/10/2022 | 08/10/2022 | Complete |
|  | Function Requirement | Prepare the functional requirement document | 10/10/2022 | 15/10/2022 | Complete |
|  | Data flow diagrams & user stories | Prepare the data flow diagram document & user stories | 10/10/2022 | 15/20/2022 | Complete |
|  | Technology Architecture | Prepare Technology Architecture of the solution | 10/10/2022 | 15/20/2022 | Complete |
| 10. | **Project Planning Phase** |  | 17/10/2022 | 22/10/2022 | Complete |
|  | Prepare Milestone and Activity List | Prepare Milestone and Activity List | 17/10/20222 | 22/10/2022 | Complete |
|  | Sprint Delivery Plan | Prepare Sprint Delivery Plan | 17/10/2022 | 22/10/2022 | Complete |
| 11. | **Project Development Phase** |  | 24/10/2022 | 19/11/2022 | In Progress |
|  | Delivery of Sprint - 1 | Attend the AMA/Expert Session – 1, Project Development – Delivery of Sprint - 1 | 24/10/2022 | 29/10/2022 | Not Started |
|  | Delivery of Sprint - 2 | Attend the AMA/Expert Session – 2, Project Development – Delivery of Sprint - 2 | 31/10/2022 | 05/11/2022 | Not Started |
|  | Delivery of Sprint - 3 | Attend the AMA/Expert Session – 3, Project Development – Delivery of Sprint - 3 | 07/11/2022 | 12/11/2022 | Not Started |
|  | Delivery of Sprint - 4 | Attend the AMA/Expert Session – 4, Project Development – Delivery of Sprint - 4 | 14/11/2022 | 19/11/2022 | Not Started |