# Project Planning Phase

## Project Planning Template (Milestone & Activity List)

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|---|---|
| Date | 22 October 2022 |
| Team ID | PNT2022TMID07937 |
| Project Name | Nutrition Assistant Application |
| Maximum marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

| S.NO | MILESTONE | ACTIVITIES | DATE |
|---|---|---|---|
| 1. | Preparation Phase | Pre-requisites | 24 Aug 2022 |
| | | Prior knowledge | 25 Aug 2022 |
| | | Project Structure | 23 Aug 2022 |
| | | Project Flow | 23 Aug 2022 |
| | | Project Objectives | 22 Aug 2022 |
| | | Registrations | 26 Aug 2022 |
| | | Environment Set-up | 27 Aug 2022 |

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| 2. | Ideation Phase | Literature Survey | 29 Aug 2022 - 03 Sept 2022 |
| | | Empathy Map | 05 Sept 2022 - 7 Sept 2022 |
| | | Problem Statement | 08 Sept 2022 - 10 Sept2022 |
| | | Ideation | 12 Sept 2022 - 16 Sept 2022 |
| 3. | Project Design Phase -I | Proposed Solution | 19 Sept 2022 - 23 Sept 2022 |
| | | Problem Solution Fit | 24 Sept 2022 - 26 Sept 2022 |
| | | Solution Architecture | 27 Sept 2022 - 30 Sept 2022 |
| 4. | Project Design Phase -II | Customer Journey | 03 Oct 2022 - 08 Oct 2022 |
| | | Requirement Analysis | 09 Oct 2022 - 11 Oct 2022 |
| | | Data Flow Diagrams | 11 Oct 2022 - 14 Oct 2022 |
| | | Technology Architecture | 15 Oct 2022 - 16 Oct 2022 |

| 5. | Project Planning Phase | Milestones & Tasks | 17 Oct 2022 - 18 Oct 2022 |
|---|---|---|---|
| | | Sprint Schedules | 19 Oct 2022 - 22 Oct 2022 |
| 6. | Project Development Phase | Sprint-1 | 25 Oct 2022 - 30 Oct 2022 |
| | | Sprint-2 | 31 Oct 2022 - 05 Nov 2022 |
| | | Sprint-3 | 06 Nov 2022- 11 Nov 2022 |
| | | Sprint-4 | 12 Nov 2022 -18 Nov 2022 |
| | Sprint-1 | <ul><li>Create a flask project</li><li>Create IBM account & install cloud CLI</li><li>Installation of docker CLI</li><li>Create an account in sendgrid and nutritional API</li><li>Notice the target workout</li></ul> | 25 Oct 2022 – 30 Oct 2022 |

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| | Sprint – 2 | • Create cloud DB2 service and connect with python code<br>• Integrate the flask with API call | 30 Oct 2022 – 04 Nov 2022 |
| | Sprint – 3 | • Integrate the sendgrid with python code.<br>• Create registration,login pages for the application.<br>• Track the service of the status through dashboard and email | 06 Nov 2022 –11 Nov 2022 |
| | Sprint – 4 | • Containrize the app and send image to it<br>• Deploy the application in kuberenetes<br>• Implementation of all over progress of the application | 13 Nov 2022 –18 Nov 2022 |