Project Planning Phase

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

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

Use the below template to create product backlog and sprint schedule

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| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | Data Collection | USN-1 | Download Food Nutrition Dataset | 2 | Medium | Ben Joseph |
| Sprint-1 | Data Preprocessing | USN-2 | Importing The Dataset into Workspace | 1 | Low | Deepak Kumar |
| Sprint-1 |  | USN-3 | Handling Missing Data | 3 | Medium | Gopinath |
| Sprint-1 |  | USN-4 | Feature Scaling | 3 | Low | Hariharan |
| Sprint-1 |  | USN-5 | Data Visualization | 3 | Medium | Gopinath |
| Sprint-1 |  | USN-6 | Splitting Data into Train and Test | 4 | High | Deepak kumar |
| Sprint-1 |  | USN-7 | Creating A Dataset with Sliding Windows | 4 | High | Hariharan |
| Sprint-2 | Model Building | USN-8 | Importing The Model Building Libraries | 1 | Medium | Ben Joseph |
| Sprint-2 |  | USN-9 | Initializing The Model | 1 | Medium | Gopinath |

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| Sprint-2 |  | USN-10 | Adding LSTM Layers | 2 | High | Ben Joseph |
| Sprint-2 |  | USN-11 | Adding Output Layers | 3 | Medium | Deepak Kumar |
| Sprint-2 |  | USN-12 | Configure The Learning Process | 4 | High | Hariharan |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-2 |  | USN-13 | Train The Model | 2 | Medium | Deepak Kumar |
| Sprint-2 |  | USN-14 | Model Evaluation | 1 | Medium | Hariharan |
| Sprint-2 |  | USN-15 | Save The Model | 2 | Medium | Ben Joseph |
| Sprint-2 |  | USN-16 | Test The Model | 3 | High | Gopinath |
| Sprint-3 | Application Building | USN-17 | Create An HTML File | 4 | Medium | Hariharan |
| Sprint-3 |  | USN-18 | Build Python Code | 4 | High | Deepak kumar |
| Sprint-3 |  | USN-19 | Run The App in Local Browser | 4 | Medium | Ben Joseph |
| Sprint-3 |  | USN-20 | Showcasing Prediction On UI | 4 | High | Hariharan |
| Sprint-4 | Train The Model On IBM | USN-21 | Register For IBM Cloud | 4 | Medium | Gopinath |
| Sprint-4 |  | USN-22 | Train The ML Model On IBM | 8 | High | Deepak Kumar |
| Sprint-4 |  | USN-23 | Integrate Flask with Scoring End Point | 8 | High | Ben Joseph |