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 | SANTHIYA |
| Sprint-1 | Data Preprocessing | USN-2 | Importing The Dataset into Workspace | 1 | Low | SHALINI |
| Sprint-1 |  | USN-3 | Handling Missing Data | 3 | Medium | SNEHA |
| Sprint-1 |  | USN-4 | Feature Scaling | 3 | Low | SRIDHARAN |
| Sprint-1 |  | USN-5 | Data Visualization | 3 | Medium | SNEHA |
| Sprint-1 |  | USN-6 | Splitting Data into Train and Test | 4 | High | SHALINI |
| Sprint-1 |  | USN-7 | Creating A Dataset with Sliding Windows | 4 | High | SANTHIYA |
| Sprint-2 | Model Building | USN-8 | Importing The Model Building Libraries | 1 | Medium | SRIDHARAN |
| Sprint-2 |  | USN-9 | Initializing The Model | 1 | Medium | SHALINI |

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