

Project Planning Phase

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

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|---------------|--|
| Date | 19November2022 |
| Team ID | PNT2022TMID14462 |
| Project Name | Exploratory Analysis of Rainfall Data in India for Agriculture |
| Maximum Marks | 4 Marks |

Prepare Milestone and Activity List

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

Use the below template to create product backlog and sprint schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|---|--------------|----------|---------------|
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my Phone number/Gmail,Username password, and confirmingmy password. | 2 | High | Sudarsan S |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation in phone or gmail once I have registered for the application | 1 | High | vedith T |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering email & password | 1 | High | Faheem S |
| Sprint-2 | Dataset Collect | USN-4 | Collect number of datasets and get accuracy | 2 | Medium | Ramakrishna T |
| Sprint-2 | Pre-processing | USN-5 | The dataset is extracted | 2 | High | Pavan V |
| Sprint-2 | Train the model | USN-6 | Train the model. | 4 | High | Sudarsan S |
| Sprint-2 | Test the model | USN-7 | Test the model | 6 | High | Sudarsan S |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---------------|--------------------------------------|--------------------------|--|---------------------|-----------------|---------------------|
| Sprint-3 | Detection | USN-8 | Load the trained model. | 3 | High | Vedith T |
| Sprint-3 | Detection | USN-9 | Prediction of rain fall using trained model | 5 | Medium | Pavan V |
| Sprint-3 | Detection | USN-10 | classify it by using a trained model to predict the output | 8 | High | Faheem S |
| Sprint-4 | Detection | USN-11 | Alerts the user about the condition of Rainfall | 7 | High | Ramakrishna T |
| Sprint-4 | Detection | USN-12 | As a User,I can detect the rainfall. | 3 | Medium | Sudarsan S |
| Sprint-4 | Logout | USN-13 | As a User,I can logout the application. | 2 | Low | Sudarsan S |

