

## Project Planning Phase

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

|               |   |
|---------------|---|
| Date          | 18 October 2022                               |
| Team ID       | PNT2022TMID36255                              |
| Project Name  | Airlines Data Analytics for Aviation Industry |
| Maximum Marks | 8 Marks                                       |

#### 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 signup for the application by entering my email id, password and confirming that.  | 5            | Low      | Vidhya, Rakhi     |
| Sprint-1 | Registration                  | USN-2             | Once I have registered for the application as a user, I will receive an confirmation email.         | 5            | Medium   | Janani, sowmiya   |
| Sprint-1 | Login                         | USN-3             | To Access the application as a user, I can login into the application by entering email & password. | 5            | Medium   | Pavithra, Vidhya  |
| Sprint-1 | Collection of Dataset         | USN-4             | As a user, I can collect the dataset and start to choose the area and track it.                     | 5            | High     | Rakhi, sowmiya    |
| Sprint-2 | Dataset Exploration           | USN-5             | As a user through IBM cognus, I can explore the given dataset.                                      | 10           | High     | Vidhya, Janani    |
| Sprint-2 | Dataset Visualization         | USN-6             | In cognus as a developer, I can visualize the given dataset in dashboard.                           | 10           | High     | Sowmiya,vidhya    |
| Sprint-3 | Dashboard customization       | USN-7             | As a user, I can personalize the dashboard that is visualized.                                      | 10           | Medium   | Pavithra, Rakhi   |
| Sprint-3 | Ease of Access                | USN-8             | As a user, I will simply use and access the dashboard.  | 10           | Medium   | Janani, Pavithra  |
| Sprint-4 | Report Generation             | USN-9             | As a user, The detailed report of visualization will be viewed.                                     | 10           | High     | Rakhi, janani     |
| Sprint-4 | Dashboard Establishment       | USN-10            | Establish the dashboard into a website and submit the website.                                      | 10           | High     | Sowmiya, Pavithra |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| <b>Sprint</b> | <b>Total Story Points</b> | <b>Duration</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> | <b>Story Points Completed (as on Planned End Date)</b> | <b>Sprint Release Date (Actual)</b> |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|--|-------------------------------------|
| Sprint-1      | 20                        | 6 Days          | 24 Oct 2022              | 29 Oct 2022                      | 20   | 29 Oct 2022                         |
| Sprint-2      | 20                        | 6 Days          | 31 Oct 2022              | 05 Nov 2022                      | 20   | 05 Nov 2022                         |
| Sprint-3      | 20                        | 6 Days          | 07 Nov 2022              | 12 Nov 2022                      | 20   | 12 Nov 2022                         |
| Sprint-4      | 20                        | 6 Days          | 14 Nov 2022              | 19 Nov 2022                      | 20   | 19 Nov 2022                         |