

### Initial Project Planning Template

|               |                                     |
|---------------|-------------------------------------|
| Date          | 16 July 2024                        |
| Team ID       | 739942                              |
| Project Name  | Freedom Of The World Classification |
| Maximum Marks | 4 Marks                             |

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

| <b>Sprint</b> | <b>Functional Requirement (Epic)</b>         | <b>User Story Number</b> | <b>User Story / Task</b>                               | <b>Priority</b> | <b>Team Members</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> |
|---------------|--|--------------------------|--|-----------------|---------------------|--------------------------|----------------------------------|
| Sprint-1      | Data Collection and Preprocessing            | USN-2                    | Understanding & loading data                           | Low             | danush              | 2024/05/05               | 2024/05/10                       |
| Sprint-1      | Data Collection and Preprocessing            | USN-3                    | Data Cleaning  | High            | meghana             | 2024/05/05               | 2024/05/12                       |
| Sprint-1      | Data Collection and Preprocessing            | USN-4                    | EDA  | Medium          | meghana             | 2024/05/05               | 2024/05/12                       |
| Sprint-2      | Exploratory data Analysis                    | USN-5                    | Descriptive Statistics                                 | Medium          | vennela             | 2024/05/12               | 2024/05/15                       |
| Sprint-2      | Exploratory data Analysis                    | USN-7                    | Visual Analysis  | Medium          | danush              | 2024/05/12               | 2024/05/15                       |
| Sprint-2      | Exploratory data Analysis                    | USN-6                    | Evaluating the model                                   | High            | vennela             | 2024/05/13               | 2024/05/19                       |
| Sprint-3      | Model Building                               | USN-8                    | Training the model in multiple algorithms              | High            | meghana             | 2024/05/20               | 2024/06/05                       |
| Sprint-3      | Model Building                               | USN-9                    | Testing the model                                      | High            | meghana             | 2024/06/10               | 2024/06/17                       |
| Sprint-3      | Performance testing & Hyper parameter tuning | USN-10                   | Testing the model with multiple evaluation metrics     | High            | vennela             | 2024/06/18               | 2024/06/20                       |
| Sprint-4      | Model development                            | USN-11                   | Save the best Model                                    | Medium          | vennela             | 2024/06/21               | 2024/05/23                       |
| Sprint-4      | Model development                            | USN-12                   | Integrate with Web Framework & building HTML templates | High            | vennela, meghana    | 2024/06/24               | 2024/06/27                       |
| Sprint-4      | Model development                            | USN-13                   | Flask importing and app.py                             | High            | meghana             | 2024/06/28               | 2024/06/30                       |

|                      |                |        |        |        |                     |            |            |
|----------------------|----------------|--------|--------|--------|---------------------|------------|------------|
| Sprint-3<br>Sprint-4 | Project Report | USN-15 | Report | medium | meghana,<br>vennela | 2024/07/02 | 2024/07/09 |
|----------------------|----------------|--------|--------|--------|---------------------|------------|------------|