**Initial Project Planning Template**

| Date | 12 July 2024 |
| --- | --- |
| Team ID | Team-739859 |
| Project Name | Auto Insurance Fraud Detection Using Machine Learning |
| Maximum Marks | 4 Marks |

**Task Organization, Sprint Schedule, and Effort Estimation (4 Marks)**

Use the below template to create Task Organization and Sprint Schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **Feature Engineering User Story / Task** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Data Collection and Pre-processing | USN-1 | Extracting insurance claim data | Medium | Vilasini | 2024/05/07 | 2024/07/10 |
| Sprint-1 | Data Collection and Pre-processing | USN-2 | Cleaning and pre-processing data | High | Vilasini | 2024/05/07 | 2024/07/13 |
| Sprint-1 | Data Collection and Pre-processing | USN-3 | Exploratory Data Analysis (EDA) | Low | Vilasini | 2024/05/07 | 2024/07/13 |
| Sprint-2 | Feature Engineering | USN-4 | Creating fraud detection features | High | Karthik | 2024/07/13 | 2024/08/15 |
| Sprint-2 | Model Development | USN-5 | Building baseline fraud detection model | Medium | Karthik | 2024/07/13 | 2024/08/15 |
| Sprint-3 | Model Evaluation and Tuning | USN-6 | Evaluating model performance | High | Shaguftha | 2024/05/13 | 2024/05/19 |
| Sprint-3 | Model Evaluation and Tuning | USN-7 | Hyper parameter tuning | Medium | Shaguftha | 2024/05/20 | 2024/06/05 |
| Sprint-3 | Model Building | USN-9 | Testing the model | Medium | Shaguftha | 2024/06/10 | 2024/06/17 |
| Sprint-3 | Performance testing & Hyper parameter tuning | USN-10 | Testing the model with multiple evaluation metrics | High | Karthik | 2024/06/18 | 2024/06/20 |
| Sprint-4 | Model development | USN-11 | Save the best Model | Medium | Karthik | 2024/06/22 | 2024/05/25 |
| Sprint-4 | Model development | USN-12 | Integrate with Web Framework &building HTML templates | Medium | Deepak | 2024/06/22 | 2024/06/27 |
| Sprint-4 | Model development | USN-13 | Flask importing and app.py | High | Deepak | 2024/06/28 | 2024/05/30 |
| Sprint-3  Sprint-4 | Project Report | USN-15 | Report | Medium | Shaguftha ,Deepak | 2024/07/01 | 2024/07/09 |