

Initial Project Planning Template

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| Date | 15 July 2024 |
| Team ID | 740108 |
| Project Name | Octagon Oracle: Machine Learning-Powered UFC FIGHT FORECAST |
| Maximum Marks | 4 Marks |

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

Use the below template to create a product backlog and sprint schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|----------|-------------------------------|-------------------|--|--------------|----------|--------------|-------------------|---------------------------|
| Sprint-1 | Feature Engineering | USN-1 | Collect and clean UFC fight data, including grappling and striking stats | 4 | High | Vikas | 4 June 2024 | 4 June 2024 |
| Sprint-1 | Data Collection and Cleaning | USN-2 | Extract relevant features such as control time and method of victory | 5 | High | Bhavani | 5 June 2024 | 7 June 2024 |
| Sprint-2 | Model Development | USN-3 | Train Random Forest Classifier to predict fight outcomes | 6 | High | Nikhil Sai | 8 June 2024 | 15 June 2024 |
| Sprint-3 | Model Evaluation | USN-4 | Evaluate model performance to ensure accuracy greater than 90% | 5 | High | Nikhil Sai | 16 June 2024 | 22 June 2024 |
| Sprint-4 | Model Deployment | USN-5 | Deploy the model and create an interface for predictions | 5 | Medium | Spandana | 23 June 2024 | 27 June 2024 |
| Sprint-5 | Documentation | USN-6 | Write and publish documentation | 2 | Low | Spandana | 28 June 2024 | 5 July 2024 |