 

Initial Project Planning Template

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| Date | 15 July 2024 |
| Team ID | 739965 |
| Project Name | Market Segmentation Analysis |
| Maximum Marks | 4 Marks |

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

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

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| **Sprint** | **Functional Requirement**  **(Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date**  **(Planned)** |
| Sprint-1 | Data Collection and  preprocessing | USN-2 | Understanding and loading the data | 3 | Medium | Bhaskar | 2024/05/05 | 2024/05/09 |
| Sprint-1 | Data Collection and  Preprocessing | USN-2 | Univariate,Bivariate and Multivariate analysis | 3 | High | Bhaskar, Nasreen | 2024/05/10 | 2024/05/18 |

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| Sprint-1 | Data Collection and  Preprocessing | USN-2 | Descriptive analysis | 3 | Medium | Nithin | 2024/05/19 | 2024/05/25 |
| Sprint-1 | Data  Preprocessing | USN-3 | Checking null values and handling outliers | 4 | Medium | Nithin,Archana | 2024/05/26 | 2024/05/29 |
| Sprint-2 | Model building | USN-4 | Train the model with k-means clustering | 4 | High | Nithin,Archana | 2024/05/30 | 2024/06/05 |
| Sprint-2 | Model  development | USN- 5 | Save the model with k-means clustering | 4 | Medium | Nithin | 2024/06/05 | 2024/06/11 |
| Sprint-3 | Model  development | USN- 5 | Integrate with Web framework and building HTML templates | 5 | Medium | Archana | 2024/06/12 | 2024/06/22 |
| Sprint-2 | Model  development | USN- 5 | Importing Flask and app.py | 5 | High | Archana,Nasreen | 2024/06/23 | 2024/07/07 |
| Sprint- | Project Report | USN- 6 | Report | 5 | High | Nithin,Nasreen, Bhaskar,Archana | 2024/07/08 | 2024/07/11 |