**Initial Project Planning Template**

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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 | Project  Initialization  And Planning | RLCPC-2, RLCPC-3 | •  • | Project Planning and Proposal Identifying and Defining the Problem Statement. | 10 | High | 1)Muppalla sri anjancyulu | 10.06.25 | 16.06.25 |
| Sprint-2 | Data  Collection and  Data  Preprocessing | RLCPC-5  RLCPC-6  RLCPC-8 RLCPC-9  RLCPC-10  RLCPC-11 | * • * • •   • | Collection of Data  Loading and Understanding  of Data  Handling Null Values  Handling Categorical Data  Handling Outliers  Handling Duplicate Values. | 9 | High | 2)nallamothu manohar ,  3)Paladugu  delhi poleswarao, | 16.06.25 | 19.06.25 |

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| Date | 28th June 2025 |
| Team ID | LTVIP2025TMID44055 |
| Project Name | Revolutionizing Liver Care : Predicting Liver  Cirrhosis Using Advanced Machine Learning Techniques |
| Maximum Marks | 4 Marks |

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

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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-3 | Exploratory Data Analysis and Model Building | RLCPC-13  RLCPC-14  RLCPC-15  RLCPC-16 RLCPC-18 | • • • •  • | Univariate Analysis.  Bivariate Analysis  Multivariate Analysis Descriptive Statistics. Model Training using Various Algorithms. | 9 | High | 4)Papasani Saikiran | 20.06.25 | 24.07.25 |
| Sprint-4 | Performance  Testing and  Model  Deployment | RLCPC-20  RLCPC-21 RLCPC-23 | •  •  • | Testing Model with  Evaluation Metrics  Hyperparameter Tuning  Integrating with Web  Framework | 10 | High | 5)Muthineni  Naga Raju | 24.07.25 | 28.07.25 |