

## Initial Project Planning Template

Date	16 <sup>th</sup> June 2024
Team ID	SWTID1720080161
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)

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	<ul style="list-style-type: none"> <li>Project Planning and Proposal</li> <li>Identifying and Defining the Problem Statement.</li> </ul>	10	High	V R Rithika	16.06.24	23.06.24
Sprint-2	Data Collection and Data Preprocessing	RLCPC-5 RLCPC-6 RLCPC-8 RLCPC-9 RLCPC-10 RLCPC-11	<ul style="list-style-type: none"> <li>Collection of Data</li> <li>Loading and Understanding of Data</li> <li>Handling Null Values</li> <li>Handling Categorical Data</li> <li>Handling Outliers</li> <li>Handling Duplicate Values.</li> </ul>	9	High	V R Rithika	23.06.24	30.06.24

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	<ul style="list-style-type: none"> <li>Univariate Analysis.</li> <li>Bivariate Analysis</li> <li>Multivariate Analysis</li> <li>Descriptive Statistics.</li> <li>Model Training using Various Algorithms.</li> </ul>	9	High	Bhargav P, Anirudh S, Keshav M	30.06.24	07.07.24
Sprint-4	Performance Testing and Model Deployment	RLCPC-20 RLCPC-21 RLCPC-23	<ul style="list-style-type: none"> <li>Testing Model with Evaluation Metrics</li> <li>Hyperparameter Tuning</li> <li>Integrating with Web Framework</li> </ul>	10	High	Keshav M, Anirudg S	07.07.24	12.07.24