

**Initial Project Planning Template**



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| Date | 24/06/2025 |
| Team ID | LTVIP2025TMID45496 |
| 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)**

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

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| **Spirit** | **Functional**  **Requirements (Epic)** | **User story**  **Number** | **User**  **Story/Task** | **Priority** | **Team**  **Members** | **Spirit Start Date** | **Spirit End**  **Date(Planned)** |
| Spirit-1 | Data Collection and  Preprocessing | USN-2 | Understanding &loading data | Low | Srilatha | 2025/06/25 | 2025/06/27 |
| Spirit-1 | Data Collection and  Preprocessing | USN-3 | Data cleaning | High | Srilatha | 2025/06/25 | 2025/06/27 |
| Spirit-1 | Data Collection and  Preprocessing | USN-4 | EDA | Medium | Srilatha | 2025/ 06/25 | 2025/06/27 |
| Spirit-2 | Exploratory data Analysis | USN-5 | Descriptive Statistics | Low | Sivareddy | 2025/06/25 | 2025/06/27 |
| Spirit-2 | Exploratory data Analysis | USN-7 | Visual Analysis | Medium | sivareddy | 2025/06/25 | 2025/06/27 |





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| Spirit-2 | Exploratory data Analysis | USN-6 | Evaluating the model | High | sivareddy | 2025/06/25 | 2025/06/27 |
| Spirit-3 | Model Building | USN-8 | Training the model in multiple algorithms | High | Sivareddy | 2025/06/25 | 2025/06/27 |
| Spirit-3 | Model Building | USN-10 | Testing the model | Medium | Faizan | 2025/06/25 | 2025/06/27 |
| Spirit-3 | Performance testing & Hyper parameter tuning | USN-11 | Testing the model with multiple evaluation metrices | High | Faizan | 2025/06/25 | 2025/06/27 |
| Spirit-4 | Model development | USN-12 | Save the best  Model | Medium | Faizan | 2025/06/25 | 2025/06/27 |
| Spirit-4 | Model development | USN-13 | Integrate with  Web  Framework  &building  HTML  templates | Medium | Srilatha | 2025/06/25 | 2025/06/27 |
| Spirit-4 | Model development | USN-14 | Flask importing and app.py | High | Srilatha | 2025/06/25 | 2025/06/27 |
| Spirit-3 | Project Report | USN-15 | Report | medium | Fouzia | 2025/06/25 | 2025/06/27 |
| Spirit-4 | Project Report | USN-16 | Report | medium | Fouzia | 2025/06/25 | 2025/06/27 |