**Project Development Phase**

**Model Performance Test**

|  |  |
| --- | --- |
| Date | 30 june 2025 |
| Team ID | LTVIP2025TMID60863 |
| Project Name | Revolutionizing liver care ; Predicting liver cirrhosis using advanced machine learning techniques |
| Maximum Marks |  |

**Model Performance Testing:**

**Project Title:** *Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques*

| **S.No.** | **Parameter** | **Values** | **Screenshot** |
| --- | --- | --- | --- |
| 1. | **Model Summary** | *Insert a brief summary of the model architecture, algorithms used (e.g., Random Forest, XGBoost, Neural Network), and feature selection process.* |  |
| 2. | **Accuracy** | **Training Accuracy** – *Insert value (e.g., 94.7%)* **Validation Accuracy** – *Insert value (e.g., 91.3%)* |  |
| 3. | **Fine-Tuning Result (if done)** | **Validation Accuracy After Tuning** – *Insert value (e.g., 93.5%)* *Mention what tuning was performed – e.g., hyperparameter tuning using GridSearchCV, learning rate adjustment, etc.* |  |