**Project Development Phase**

**Model Performance Test**

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| Date | 28 june 2025 |
| Team ID | LTVIP2025TMID60863 |
| Project Name | Revolutionizing Liver care; Predicting liver cirrhosis using advanced machine learning techniques |
| Maximum Marks |  |

**📊 Model Performance Testing**

| **S.No** | **Parameter** | **Values** | **Screenshot** |
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| 1. | **Model Summary** | - Project: Predicting Liver Cirrhosis using Advanced ML - Model Type: [e.g., Random Forest / XGBoost / Neural Network] - Features Used: Demographic, clinical, and biochemical parameters - Target Variable: Liver Cirrhosis Diagnosis (Binary/Multiclass) - Framework: Python (scikit-learn / TensorFlow / PyTorch) |  |
| 2. | **Accuracy** | **Training Accuracy** - [e.g., 94.6%] **Validation Accuracy** - [e.g., 91.2%] |  |
| 3. | **Fine Tuning Result (if done)** | **Validation Accuracy after fine-tuning** - [e.g., 93.0%] - Methods Used: Hyperparameter tuning (Grid Search / Bayesian Optimization), Feature Selection, Regularization - Impact: Improved generalization and reduced overfitting |  |