**Project Development Phase**

**Model Performance Test**

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| Date | 30 June 2025 |
| Team ID | LTVIP2025TMID49959 |
| Project Name | Your Center For Skill Enhancement |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

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| **S.No.** | **Parameter** | **Values** |
| **1.** | Metrics | **Since this project is a web platform (not an ML model), system performance metrics were tested instead:**  **API Tests (via Postman):**  - User Login API Avg. Response Time: ~140ms  - Course Fetch API Avg. Response Time: ~170ms  - Stripe Payment API Avg. Response Time: ~300ms   **System Performance:**  - Dashboard Load Time: ~1.5 sec  - Error Rate during testing: 0%  - Concurrent Users Supported during test: 50 users without significant slowdown.  **Regression Model**:Not applicable — No regression model used in this web application.  **MAE, MSE, RMSE, R² Score**: Not applicable — No regression model implemented.  **Classification** **Model:** Not applicable — No regression model implemented.  **Confusion Matrix, Accuracy Score, Classification Report:** Not applicable — No classification model used. |
| **2.** | Tune the Model | **Hyperparameter Tuning:** Not applicable — No ML model to tune.  **Validation Method:** The system was validated through: - Manual API testing (Postman)- Load testing with multiple users accessing the platform simultaneously - Browser performance analysis using developer tools All critical modules performed correctly under testing. |