**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** | **Screenshot / Values** |
|  | Data Rendered | User details (name, email, role) <br>- Course details (title, description, price, categories, enrollments) <br>- Payment history for premium courses <br>- Certificates issued to students <br>- Forum discussions and comments |
|  | Data Preprocessing | Validation of user inputs (registration, login, course creation) <br>- Password hashing with bcrypt.js for security <br>- Data sanitization to prevent injection attacks <br>- Formatting of course details for consistent display |
| 3. | Utilization of Filters | Filter courses by category (e.g., Web Development, Data Science) <br>- Search bar to locate courses by keywords or educator name <br>- Filter payments by date range for admin reports <br>- Filter users by roles |
| 4. | Calculation fields Used | Total number of users displayed on dashboards <br>- Total number of courses created <br>- Count of enrolled students per course <br>- Total revenue generated from premium courses <br>- Progress percentage calculation for students’ course completion |
| 5. | Dashboard design | No of Visualizations / Graphs - No. of Visualizations / Graphs: 6 <br>- Pie chart of user roles (students, teachers, admins) <br>- Line graph of monthly user registrations <br>- Table listing all courses with enrollments <br>- Total revenue panel from premium courses <br>- User progress bars on student dashboard <br>- Recent activity feed for admin monitoring |
| 6 | Story Design | No of Visualizations / Graphs - No. of Visualizations / Graphs: 4 <br>- Student journey from registration → course selection → enrollment → certificate download <br>- Teacher workflow from login → course creation → manage enrollments <br>- Admin story across monitoring dashboards and reports <br>- Payment success/failure user flow visualization |