**Project Development Phase**

**Model Performance Test**

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| Date | 10 February 2025 |
| Team ID | LTVIP2025TMID53930 |
| Project Name | BookNest: Where Stories Nestle |
| Maximum Marks |  |

**Model Performance Testing:**

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

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| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Model Summary | This is a full-stack MERN (MongoDB, Express.js, React.js, Node.js) application. It supports role-based access (Admin, Seller, User), cart management, order tracking, and secure authentication using JWT. |  |
|  | Accuracy | All core functionalities tested: - User Registration/Login - Seller adds, edits, deletes books - Admin can manage users/books/orders - Cart and Order system verified |  |
|  | Performance Testing | - API response time under 300ms on local server - MongoDB operations optimized with indexing and population - Frontend loads under 1.5s on average |  |
| 3. | Fine Tunning Result( if Done) | - Resolved duplicate navbar issue - Fixed role-based routing - Improved image loading & token decode handling - Handled 404/403 gracefully |  |