**Project Development Phase**

**Model Performance Test**

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| Date | 22 may 20205 |
| Team ID | LTVIP2025TMID55320 |
| Project Name | LearnHub: Your Center for Skill Enhancement |
| Maximum Marks | 4marks |

**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 | **-**   |  | | --- | |  |  |  | | --- | | **Algorithm Used: e.g., Random Forest Classifier  Total Parameters: e.g., max\_depth=10, n\_estimators=100  Input Features: e.g., 12 features  Output: Binary Class (Yes/No)** | | Attach a screenshot of model summary or code |
|  | Accuracy | |  | | --- | |  |  |  | | --- | | **Training Accuracy** – e.g., 94.5%  **Validation Accuracy** – e.g., 91.2% | | Attach a screenshot of model summary or code |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy - **Validation Accuracy After Tuning** – e.g., 93.6%  Technique: GridSearchCV with parameters tuned: max\_depth, n\_estimators | Attach a screenshot of model summary or code |