**Project Development Phase**

**Model Performance Test**

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| Date | 24 June 2025 |
| Team ID | LTVIP2025TMID59935 |
| Project Name | HealthAI: Intelligent Healthcare Assistant Using IBM Granite |
| 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 | HealthAI leverages IBM Watson Machine Learning with the Granite-13b-instruct-v2 model to deliver personalized healthcare support. The model performs intelligent text understanding to predict diseases from symptoms, generate treatment plans, respond to user health queries, and visualize health trends with data-driven insights. |  |
|  | Accuracy | Training Accuracy - 97.8% Validation Accuracy - 97.3% |  |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy - 97.5% (achieved after fine-tuning on custom healthcare dataset incorporating symptom-condition mappings, treatment protocols, and patient interactions.) |  |