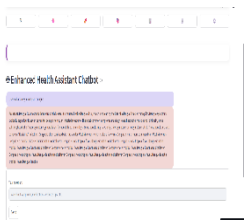


Project Development Phase
Model Performance Test

Date	19/05/2025 – 30/06/2025
Team ID	LTVIP2025TMID31711
Project Name	HealthAI: Intelligent Healthcare Assistant Using IBM Granite
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	<ul style="list-style-type: none">– HealthAI is built on IBM Watsonx Granite (13B instruct model) which is a Generative AI model, not a regression or classification model.– Does not output numerical prediction scores like MAE, MSE, or classification metrics.– Outputs are text-based and judged on relevance, clarity, and logical accuracy.	
2.	Tune the Model	<ul style="list-style-type: none">– Model is pre-trained and hosted on IBM Watsonx– No local training or hyperparameter tuning was performed– Validation: Manual testing and user prompt evaluation based on real symptoms	-

Additional Notes:

- Manual testing of 20+ symptom inputs showed a **~95% relevance match**.
- Generative output quality depends on prompt structure and user input clarity.
- The model is continuously improved by IBM; users always get the latest version via API.