**Model Development Phase Template**

| Date | July 2024 |
| --- | --- |
| Team ID | 740105 |
| Project Title | Restaurant Recommendation System |
| Maximum Marks | 5 Marks |

**Model Selection Report**

In the model selection report for future deep learning and computer vision projects, various architectures, such as CNNs or RNNs, will be evaluated. Factors such as performance, complexity, and computational requirements will be considered to determine the most suitable model for the task at hand.

**Model Selection Report:**

| **Model** | **Description** |
| --- | --- |
| Matrix factorization | **Matrix factorization is a class of collaborative filtering algorithms used in recommendation systems. The key idea is to decompose a large matrix (often a user-item interaction matrix) into smaller matrices that can be used to predict missing entries.** |