Model Development Phase Template

Date	20 August 2025
Team ID	Sneha S
Project Title	mushroom
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
Convolutional Neural Network (CNN)	A sequential CNN with multiple convolution, max-pooling, and batch-normalization layers. Designed for image classification, it achieved ≈**95 % validation accuracy** while maintaining moderate computational cost (trained in under an hour on a standard GPU).