**Model Development Phase Template**

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| 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:**

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| **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). |