**Model Development Phase Template**

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| Date | 15 March 2024 |
| Team ID | SWTID1720110358 |
| Project Title | Rice Classification using CNN |
| Maximum Marks | 5 Marks |

**Model Selection Report**

MobileNetV2 is selected for the model primarily due to its exceptional balance between efficiency and performance. MobileNetV2 is designed to be efficient in terms of both speed and memory usage. Despite its efficiency, MobileNetV2 maintains high accuracy on various image classification tasks. It strikes a good balance between performance and computational requirements. MobileNetV2 can be easily integrated into a larger model and fine-tuned for specific tasks.

**Model Selection Report:**

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| **Model** | **Description** |
| Model 1 | A sequential model using MobileNet as the base, with an additional dense layer for classification into 5 labels. |