**Model Development Phase Template**

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| Date | 15th July 2024 |
| Team ID | xxxxxx |
| Project Title | Early Prediction of Chronic Kidney Disease |
| Maximum Marks | 5 Marks |

**Feature Selection Report Template**

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision where we took 'age', 'red\_blood\_cells', 'pus\_cell', 'blood\_glucose\_random' ,'blood\_urea', 'pedal\_edema', 'anemia', 'diabetesmellitus', 'coronary\_artery disease', 'blood\_pressure' we took these features as inputs This process will streamline decision-making and enhance transparency in feature selection.

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| --- | --- | --- | --- |
| **Feature** | **Description** | **Selected (Yes/No)** | **Reasoning** |
| Age | Patient's age | No | Older age is a risk factor for CKD |
| Gender | Patient's gender | Yes | Gender can influence CKD risk and prevalence. |
| Diabetes Status | Presence of diabetes | Yes | Diabetes is a major risk factor for CKD. |
| Hypertension Status | Presence of hypertension | Yes | High blood pressure can lead to kidney damage. |