**Model Initialization and Interfacing**

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| Date | 06th July 2024 |
| Project Title | AI Feedback Generator For Development Teams Using Palm's Text-Bison-001 |

**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. This process will streamline decision-making and enhance transparency in feature selection.**

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| **Feature** | **Description** | **Selected (Yes/No)** | **Reasoning** |
| Snippet\_ID | Unique identifier for each code snippet | No | For generating feedback, a Snippet ID is not required. |
| Code\_Snippet | The actual code submitted for review | Yes | Essential for analyzing and providing feedback on the code |
| Code\_Comments | Comments within the code snippet | Yes | Helps in understanding the context and logic of the code. |
| Programming\_Language | The programming language used in the code snippet | Yes | |  | | --- | |  |  |  | | --- | | Different languages may have different standards and practices. | |

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| Coding\_Standard | Adherence to predefined coding standards | Yes | Relevant for assessing the quality and readability of the code. |
| Complexity\_Level | The complexity of the code snippet | Yes | Influences the type of feedback provided. |
| Reviewer\_Comments | Feedback provided by human reviewers | Yes | Used for training the AI model to generate similar feedback. |
| Review\_Outcome | Outcome of the code review (e.g., approved, needs changes) | Yes | Provides context for the feedback and its impact on the code quality |
| Developer\_Experience | |  | | --- | |  |  |  | | --- | | Experience level  of the developer  (e.g., junior, senior) | | Yes | May affect the type and tone of feedback given. |
| Submission\_Date | Date when the code snippet was submitted for review | Yes | Not relevant for generating feedback but useful for tracking purposes. |