

Model Development Phase Template

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| Date | 28 November 2024 |
| Team ID | 739684 |
| Project Title | Silver screen Ai:Empowering movie conversations with RASA NLU |
| 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. This process will streamline decision-making and enhance transparency in feature selection.

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| Movie Database | Comprehensive database of movies, genres, and cast | Yes | Central to providing accurate movie-related data. |
| Natural Language Models | Pre-trained language models for text interpretation | Yes | Essential for understanding user inputs. |
| Sentiment Analysis | Analyzing user sentiment during conversations | Yes | Helps personalize responses based on mood. |

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| Recommendation System | Suggesting movies based on user preferences and history | Yes | Core feature to enhance user engagement. |
| Genre Classification | Identifying genres based on movie descriptions | Yes | Aids in filtering and refining recommendations. |
| Intent Detection | Recognizing user intentions from queries | Yes | Enables accurate response generation. |
| Named Entity Recognition | Extracting entities like movie titles, actors, and directors | Yes | Crucial for contextual understanding. |
| Context Retention | Maintaining conversation context across multiple interactions | Yes | Enhances conversational flow and relevance.. |
| Feedback Mechanism | Allowing users to provide feedback on suggestions | Yes | Helps improve recommendations and model accuracy. |
| Multi-Language Support | Supporting user queries in multiple languages | Yes | Expands accessibility to a global audience. |
| Chatbot Personality | Developing a friendly and engaging chatbot personal | Yes | Improves user satisfaction and engagement. |