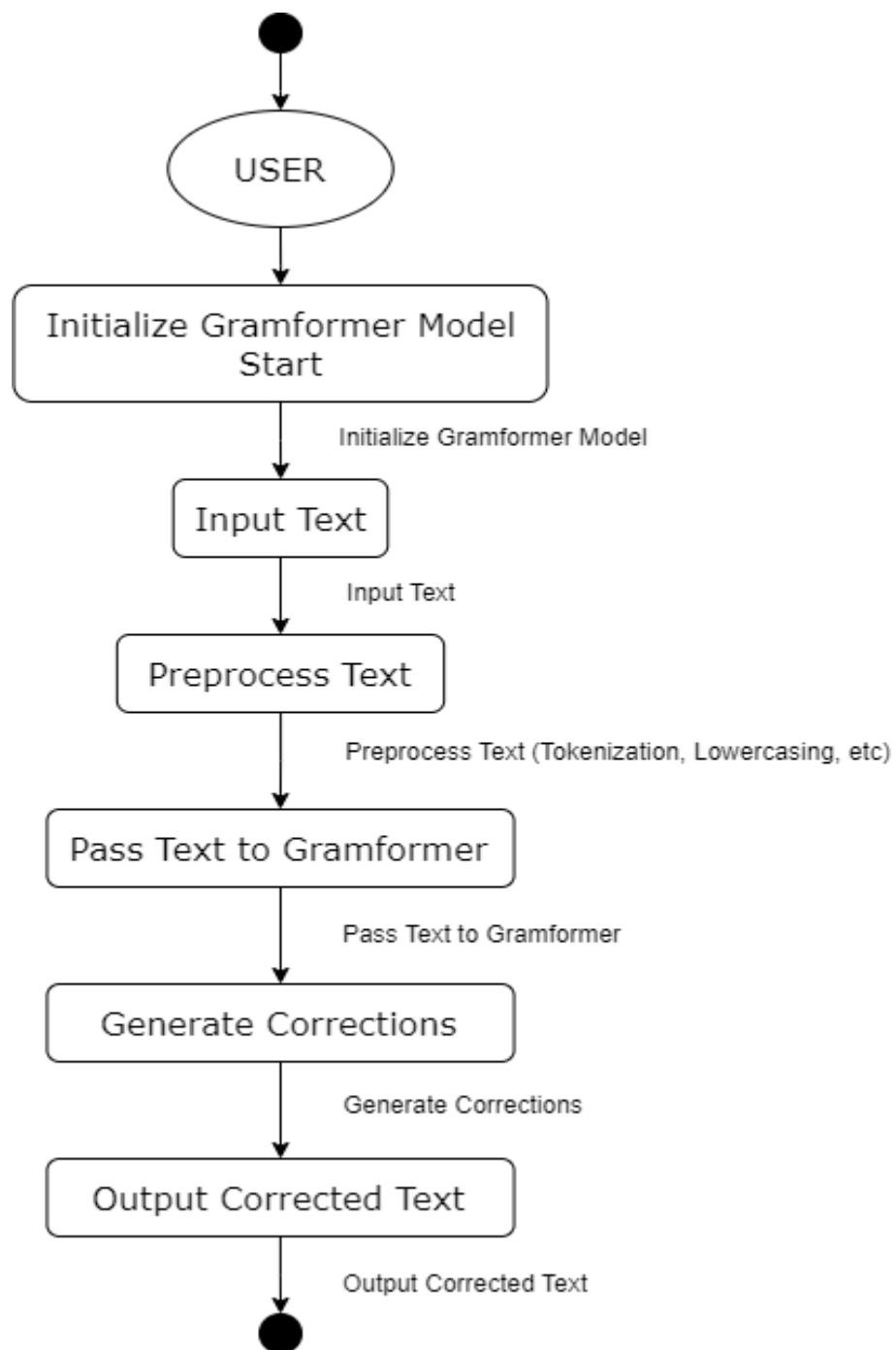


Basic Architecture for Spell-Checker



Explanation of the Architecture :

Intialize Gramformer Model : This state represents the initialization of the Gramformer model. The process starts here by initializing the Gramformer model.

Input-Text : This state represents taking input text from the user. After initializing the model, the program prompts the user to input text.

Preprocess-Text : This state represents preprocessing the input text. Preprocessing tasks like tokenization, lowercasing, etc., are performed on the input text.

PassText To Gramformer : The preprocessed text is sent to the Gramformer model for further processing.

Generate Corrections : The Gramformer model generates suggestions or corrections for the identified errors.

Output Corrected Text : The corrected text is produced as the final output of the process.

Need for the Spell-Checker :

- A spell checker helps users quickly identify and correct spelling errors, making the writing process more efficient.
- For students and language learners, a spell checker can serve as an educational tool, helping them learn correct spellings and improve their writing skills.
- For businesses, consistent and correct spelling is part of maintaining a strong and reliable brand image.