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(57) Abstract :
The present invention discloses a friendbot system (100) that utilizes artificial intelligence (AI) techniques to simulate conversation with users in a friendly and engaging manner. The system (100) includes a processor (102) to enable the system to receive input from a user via a computing device. The received input is processed using natural language processing (NLP) techniques to extract a set of words, and sentiment analysis techniques are applied to determine the emotions expressed in the input. The system further determines the context of the extracted words and emotions, including analyzing previous user messages and identifying the current topic of discussion. Based on this determined context, the system generates a personalized response that is displayed on the associated computing device. The friendbot system provides users with emotional support, advice, and companionship, adapting its responses based on individual preferences and learning from previous interactions.

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