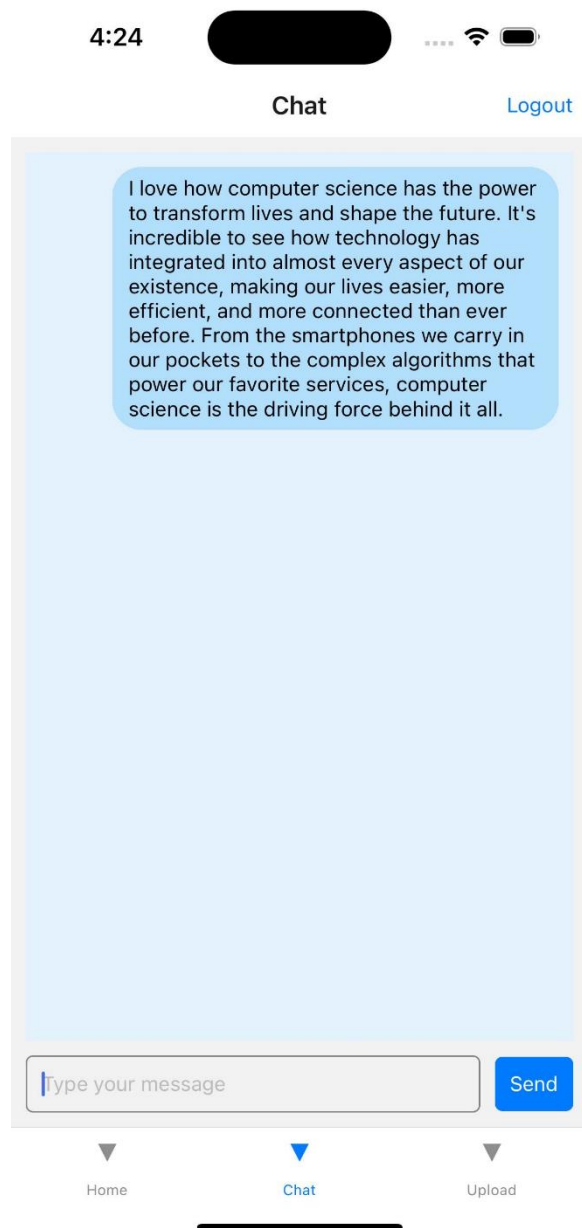


User Interface of ChatScreenContent



Code Location (path):

src/app/(app)/home/ChatScreenContent.t
SX

Description

The ChatScreenContent is a React component that represents the content of a chat screen for the conversation between the user and associated chatbot. It renders a chat interface with user input, messages, and a custom message bubble component.

Dependencies

- React: The core library for building user interfaces in React.
- useState: A React hook used to manage state within functional components.
- useRef: A React hook used to create a mutable ref object that persists across renders.
- useEffect: A React hook used to perform side effects in functional components.
- View: A component from the react-native library used to create a container for other components.
- Text: A component from the react-native library used to display text.
- TextInput: A component from the react-native library used to receive user input.
- TouchableOpacity: A component from the react-native library used to create a pressable area with visual feedback.
- FlatList: A component from the react-native library used to render a scrollable list of items efficiently.

State

- messages: An array state that holds the chat messages.
- inputText: A state that holds the user's input text.

Variables

- flatListRef: A reference object created using the useRef hook. It is used to interact with the FlatList component.

Functions

- sendMessage: A function that handles sending a message. It adds the user's input text to the messages state array if it is not empty. It then clears the input text.

Side Effects

- useEffect: This hook is used to scroll the FlatList to the end whenever the messages state array changes.

Components

- MessageBubble: A custom component that represents a message bubble. It receives message and isUser props and renders a styled message bubble based on the provided data.

Rendered Components

The ChatScreenContent component renders the following components:

- View: A container for the entire chat screen content.
- FlatList: A scrollable list of messages represented by the MessageBubble component.
- TextInput: A text input field for the user to enter their message.
- TouchableOpacity: A button-like component for sending the message.