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The MsgApp class implements a message management system designed to efficiently handle communications from multiple senders. It utilizes a two-dimensional array structure to organize messages, with each row representing a unique sender and containing an expandable array of their messages.

In msgApp class I have used functions for CRUD operations.

Key features of the MsgApp include:

The storage for each sender's message array can grow dynamically, hence there is no limit for the number of messages for each sender.

Message sending functionality: The sendMessage method adds new messages to the appropriate sender's array, creating a new entry if necessary.

Message display: The displayMessages method shows all stored messages by each sender.

Message deletion: The deleteMessage method allows for the removal of specific messages, and can also handle if an invalid index is selected for deletion

The class also uses reusable methods like isUniqueSender and findSenderIndex to make code more efficient.