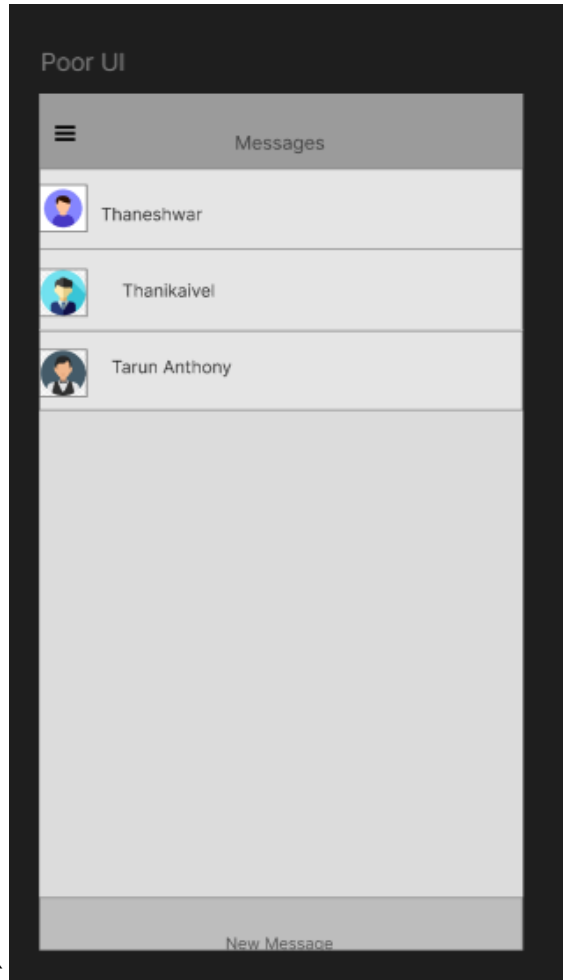


Lab Experiment -1

NAME: M. Thaneshwar

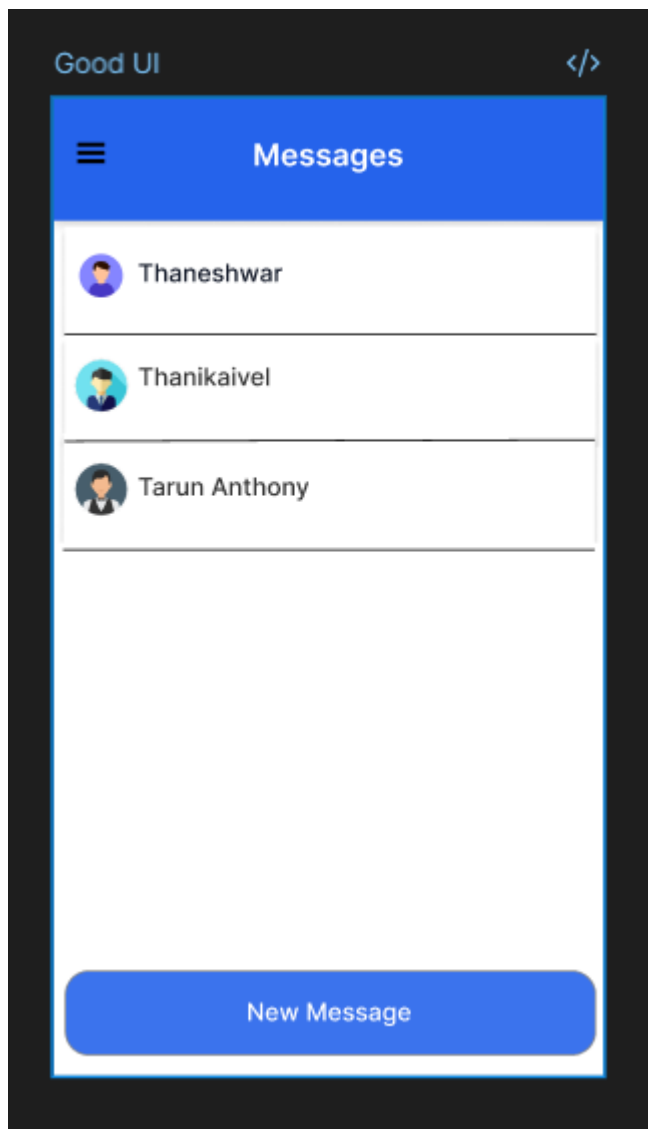
REGISTER NUMBER:240701561



Drawbacks of the Poor UI Used in the Design

1. **Poor Visual Hierarchy:** The interface does not clearly separate important elements such as the header, chat list, and action buttons. All components look similar, making it difficult for users to understand where to focus first.
2. **Weak Typography:** The excessive use of grey tones reduces readability. Text, background, and dividers blend together, causing strain on the eyes and making content hard to read.

3. **Lack of Interaction Feedback:** The chat items do not appear clickable and there is no visual feedback for user actions such as tapping or selecting an item. This creates uncertainty for users.
4. **Inefficient Use of Screen Space:** Large empty spaces, especially at the bottom, waste valuable screen area. The chat list is not compact, which reduces usability on small screens.
5. **Unclear Primary Action:** The “New Message” option at the bottom has low visibility and does not stand out as the main action. Users may not easily notice it.
6. **Outdated Design Pattern:** The interface lacks modern UI elements such as floating action buttons, card-based layouts, or clear separators, making the app look old-fashioned.



Modifications done in the Good UI design:

1. Improved Visual Hierarchy:

The header, chat list, and action button are clearly separated using proper colors and spacing. This helps users quickly understand the layout and focus on important sections.

2. Better Color Contrast:

The use of a blue header and button against a white background improves visibility and readability, making the interface more visually clear.

3. Enhanced Typography:

Clear and readable font sizes and weights are used for user names, allowing users to scan the chat list easily.

4. Clear Interactive Elements:

Chat items and buttons are visually distinguishable and appear clickable, giving users confidence while interacting with the interface.

5. Efficient Use of Screen Space:

Unnecessary empty spaces are reduced, and the content is properly aligned to make better use of the available screen area.

6. Clearly Defined Primary Action:

The “New Message” button is prominently placed and highlighted, making it obvious as the main action for the user.