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Experiment 2

Aim: To design Flutter UI by including common widgets.

Theory:

In Flutter, everything is a widget — from layout structures to UI elements. In this experiment, we created a simple user interface using common Flutter widgets like Text, Image, Container, Row, and Column.

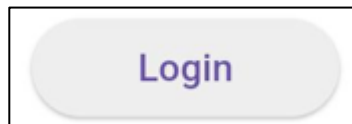
It helped us understand how widgets are the building blocks of Flutter apps and how they can be combined to design responsive UIs.

Output:

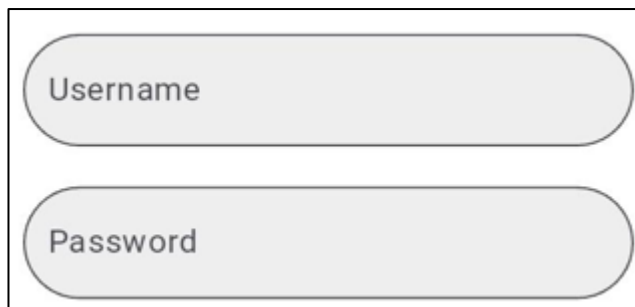
Text:

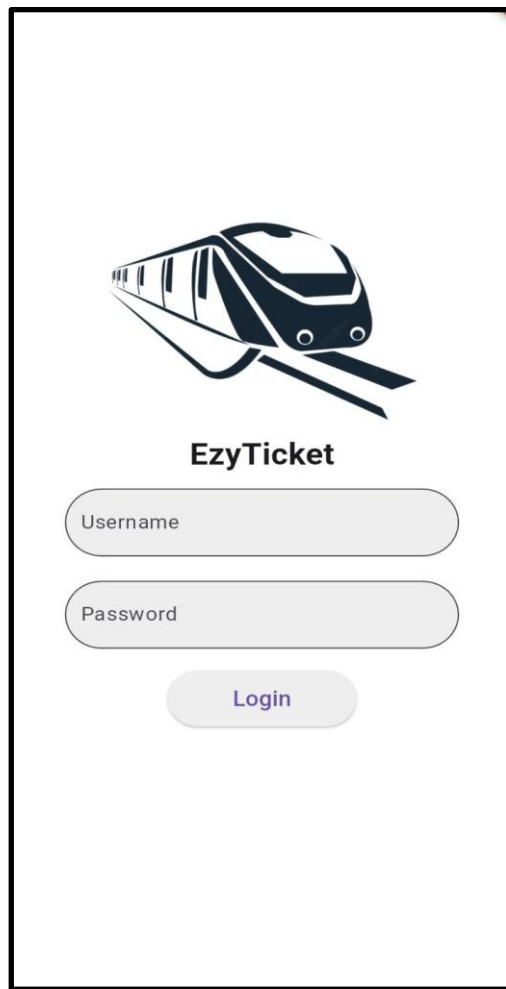
A screenshot of a text widget displaying the word "EzyTicket" in a bold, black, sans-serif font, centered within a white rectangular box with a thin black border.

Elevated Button:

A screenshot of an ElevatedButton widget with the text "Login" in a purple font, centered within a light gray rounded rectangle with a thin black border.

TextField:

A screenshot of two TextField widgets stacked vertically. The top field is labeled "Username" and the bottom field is labeled "Password". Both fields are light gray rounded rectangles with thin black borders and placeholder text in a gray font.



Conclusion:

In this experiment, we successfully designed a Flutter user interface by incorporating commonly used widgets such as Text, Image, Row, Column, Container, ElevatedButton, and others.

This hands-on experience provided a deeper understanding of how Flutter widgets work together to build responsive and visually appealing UIs. Mastering these basic widgets is essential for creating complex and interactive mobile applications using Flutter.