EXPERIMENT - 01

Aim:

The aim of this experiment is to guide you through the process of designing a simple mobile app login screen using Figma. This includes creating a frame, designing the UI elements, adding interactivity (prototyping), and sharing/exporting the design.

Procedure:

1. **Sign Up and Create a New Project**:
   - Go to figma and create an account if you don't have one.
   - Log in and click on "New File" to start a blank project.
2. **Create the Frame (Artboard)**:
   - Select the **Frame Tool** (shortcut: F).
   - A frame will appear on the canvas, representing your mobile app screen.
3. **Design the Login Screen**:
   - **Add Background Color**:
     - Select the frame and in the right panel, under **Fill**, choose a color (e.g., light blue #E3F2FD).
   - **Insert a Logo**:
     - Use the **Rectangle Tool** (R) to draw a placeholder for a logo.
     - Add text using the **Text Tool** (T) to write your app name (e.g., "MyApp").
     - Adjust the font size and color in the right panel.
   - **Add Input Fields** (Username & Password):
     - Draw two rectangles below the logo for the username and password input fields.
     - Inside each, add placeholder text (e.g., "Enter your email").
     - Apply rounded corners in the **Corner Radius** section of the right panel.
   - **Add a Login Button**:
     - Use the **Rectangle Tool** (R) to create a button and set its color to blue .
     - Use the **Text Tool** (T) to add the text "Login" inside the button.
     - Group the button and text by selecting both and pressing **Ctrl + G** (Windows) or **Cmd + G** (Mac).
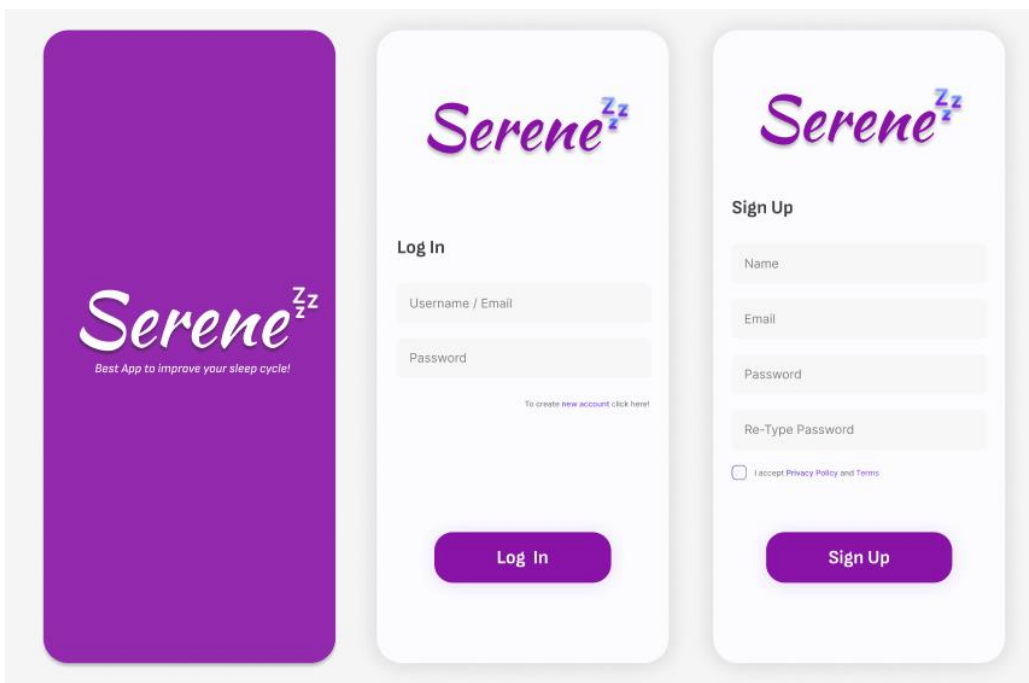4. **Align Elements**:
   - Use the **Auto Layout** feature (Shift + A) to ensure even spacing between elements.
   - Use the **Alignment Tools** in the top menu to center everything vertically and horizontally.
5. **Prototyping**:

o   Click on the **Prototype** tab in the right panel.
o   Select the **Login button** and drag the blue dot to a new frame (e.g., a home screen).
o   Choose an animation effect (e.g., **Smart Animate**).

6.   **Preview the Design**:
o   Click the **Play** button in the top-right corner to preview the app prototype.
o   Try clicking the login button to see the transition to the next screen.

7.   **Share Your Design**:
o   Click the **Share** button in the top-right corner.
o   You can invite team members via email or generate a shareable link and adjust permissions (View, Edit, or Comment only).

8.   **Export Assets**:
o   Select the elements you want to export (e.g., the logo or button).
o   In the right-hand panel, click **Export** and choose a format (PNG, JPG, SVG).
o   Click **Export** to download the assets for developers.

Design:

Result:

Thus, the mobile app login screen was successfully designed in Figma, featuring interactive elements such as a login button and input fields. The design is shareable, and assets were exported for development purposes.