EXERCISE 1

BASIC FIGMA DESIGN

AIM:

Use Figma to create a simple mobile app login screen, including basic design and prototyping.

PROCEDURE:

Step 1: Sign Up and Create a New Project

1. Go to figma.com and create an account (if you haven't already).

2. Once logged in, click "New File" to start a blank project.

3. You'll see a blank canvas where you can start designing.

Step 2: Create the Frame (Artboard)

1. On the left toolbar, select the "Frame" tool (shortcut: F).

2. Choose a mobile preset (e.g., iPhone 13) from the right-hand panel.

3. A mobile-sized frame will appear on the canvas, which will act as your app screen.

Step 3: Design the Login Screen

Add a Background Color:

1. Select the frame and go to the right-side panel.

2. Under "Fill," choose a background color (e.g., light blue #E3F2FD).

Insert a Logo:

1. Click the "Rectangle" tool (shortcut: R) and draw a placeholder for a logo.

2. Use the "Text" tool (shortcut: T) to add your app name, e.g., "MyApp".

3. Adjust font size and color from the right-hand panel.

Add Input Fields:

1. Use the "Rectangle" tool to draw two boxes for username and password fields.

2. Add placeholder text inside (e.g., "Enter your email").

3. Apply rounded corners under "Corner Radius" in the right panel.

Add a Login Button:

1. Create a button using the "Rectangle" tool and set the color to blue (#1E88E5).

2. Use the "Text" tool to add the text "Login" inside the button.

3. Group the button and text together by selecting them and pressing Ctrl + G

(Windows) or Cmd + G (Mac).

Align Elements:

⬚ Use the alignment tools in the top menu (center everything vertically and

horizontally).

⬚ Adjust spacing between elements using the "Auto Layout" feature (Shift + A).

Step 4: Prototyping the Interaction

1. Click the "Prototype" tab on the right panel.

2. Select the "Login" button and drag the blue dot to a new frame (e.g., a home

screen).

3. Set the interaction to "On Click" → "Navigate to" the next screen.

4. Choose an animation effect (e.g., "Smart Animate").

Step 5: Preview the Design

1. Click the "Play" button in the top-right corner to preview your app prototype.

2. Try clicking on the login button to see the transition to the next screen.

Step 6: Share Your Design

1. Click the "Share" button in the top-right corner.

2. You can invite team members via email or generate a shareable link.

3. Adjust permissions (View, Edit, or Comment only).

Step 7: Export Assets

1. Select the elements you want to export (e.g., the logo or button).

2. In the right-hand panel, click "Export" and choose a format (PNG, JPG, SVG).

3. Click "Export" to download assets for developers.

Example 2:

Example: Design a Mobile Login Screen in Figma

Step 1: Create a New Figma Project

1. Sign Up or Log In: Go to Figma.com and sign in or sign up if you don't already have

an account.

2. Create a New File: On the Figma homepage, click "New File" to start a new project.

Step 2: Set Up the Artboard (Frame)

1. Select Frame Tool:

On the left sidebar, select the Frame Tool (F).

2. Choose a Mobile Size:

In the right panel, you'll see different device options. Choose iPhone 13 (or any

mobile size that fits your needs).

3. Canvas:

This creates a blank mobile screen on your canvas (artboard) where you'll design

your login screen.

Step 3: Add Background Color

1. Select the Frame:

Click on the frame you just created (iPhone 13).

2. Change the Fill Color:

On the right panel, under the Fill section, click the color box and choose a light

background color (for example, #F0F4F8).

Step 4: Add UI Elements

Let's add the key components of a login screen: Logo, Text Fields, and Button.

1. Add the Logo:

1. Create a Logo Placeholder:

o Select the Rectangle Tool (R) and draw a small square at the top of the

frame.

o You can also use the Text Tool (T) to write "MyApp" or upload a logo image if

you have one.

2. Adjust Logo Size and Position:

o Place the logo at the top center of the frame.

o Adjust the size of the logo to make it look balanced on the screen.

2. Add the Username Field:

1. Draw the Rectangle:

o Select the Rectangle Tool (R) and draw a rounded rectangle below the logo.

2. Change the Color:

o In the right panel, change the fill color to something like #ffffff (white) and

adjust the opacity slightly to make it look like an input field.

3. Add Placeholder Text:

o Select the Text Tool (T) and add text such as "Enter your email" inside the

rectangle.

o Adjust the font size to something readable (e.g., 16px).

3. Add the Password Field:

1. Duplicate the Username Field:

o Select the username field and press Ctrl + D (Windows) or Cmd + D (Mac) to

duplicate it below.

2. Change Placeholder Text:

o Update the text to "Enter your password."

4. Add the Login Button:

1. Draw the Button:

o Select the Rectangle Tool (R) and draw a rectangle just below the password

field.

2. Style the Button:

o Change the color of the button to #1E88E5 (blue) to make it stand out.

o Use the Text Tool (T) to write "Login" inside the button. Align it centrally.

3. Adjust Corner Radius:

o In the right panel, under Corner Radius, adjust the corners to round them for

a softer button look (e.g., 20px).

Step 5: Align Elements

1. Use Auto Layout:

o Select all elements on the screen (logo, text fields, and button).

o Right-click and choose "Auto Layout". This will help align and space the

elements evenly.

2. Adjust Spacing:

o Use the Alignment Tools in the top bar to align everything horizontally and

vertically.

Step 6: Add Interaction (Prototyping)

1. Go to Prototype Tab:

At the top-right, click on the Prototype tab.

2. Link Login Button to Next Screen:

o Select the login button and drag the blue circle (right) to a new frame (you

can duplicate the frame to create a "home" screen or success screen).

o Set the interaction to "On Click" → "Navigate to" the next screen.

o Add a transition animation like Smart Animate for smooth movement.

Step 7: Preview Your Design

1. Preview the Prototype:

o Click the Play Button in the top-right corner to preview how the design looks.

o Test the login button to make sure it links to the next screen.
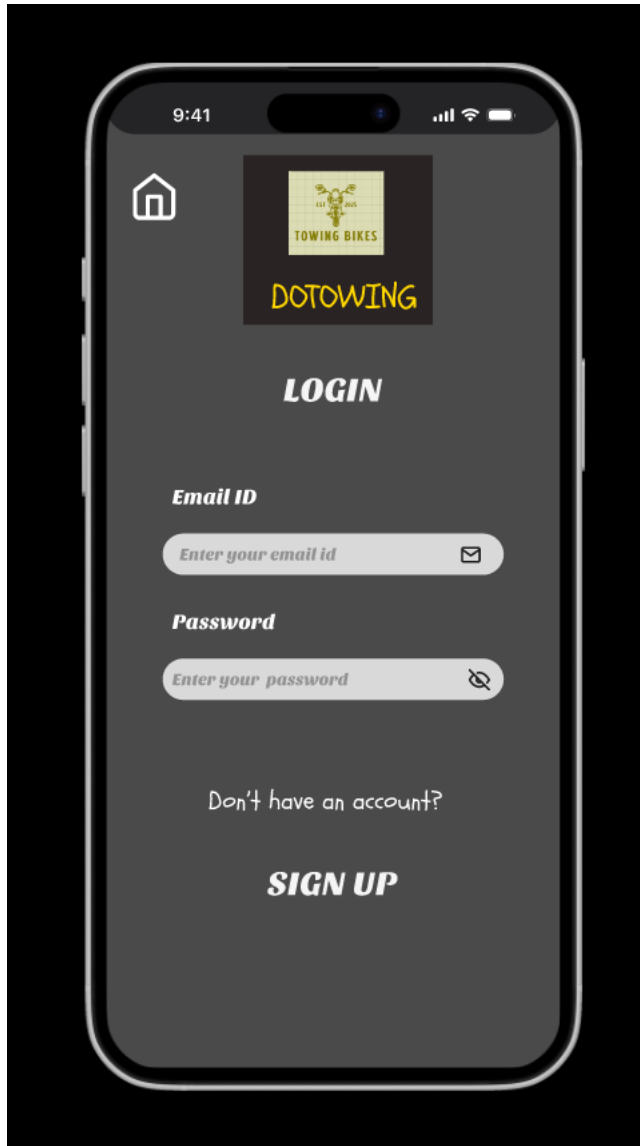
Step 8: Share and Export

1. Share the Design:

o Click "Share" in the top-right corner. You can invite team members to view or

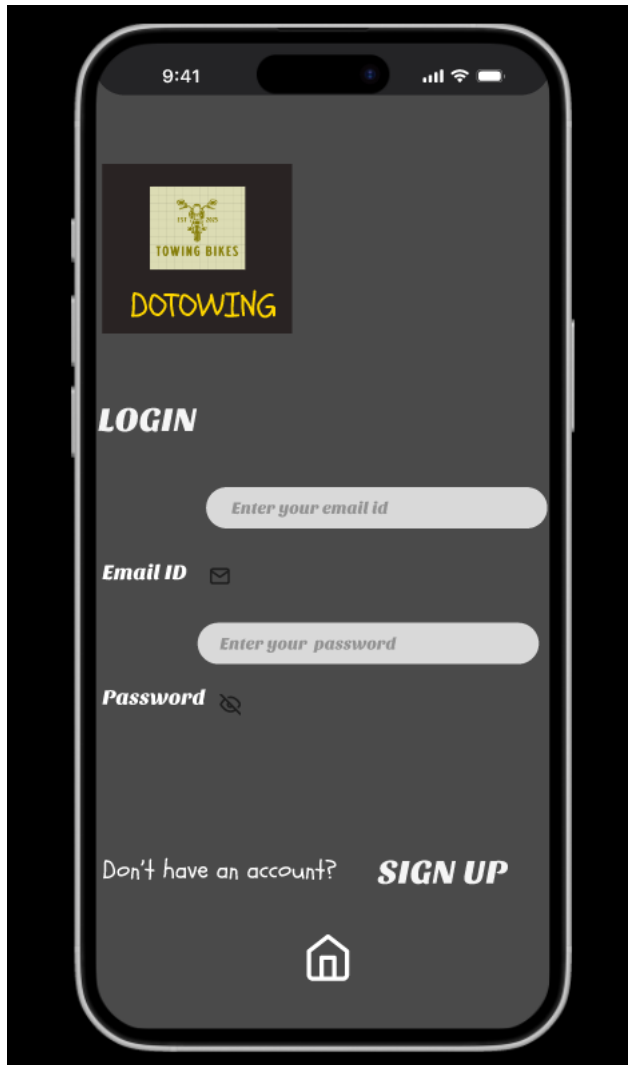edit the design by email or share a link.

2. Export Assets:

o Select elements like the logo or button, then click "Export" in the bottom-

right corner to download them as PNGs, SVGs, or JPGs.

OUTPUT:

GOOD DESIGN:

BAD DESIGN:

DONE BY:

Sarvesh R (230701295)

CSE – D