

## MPL & PWA LAB PREREQUISITE

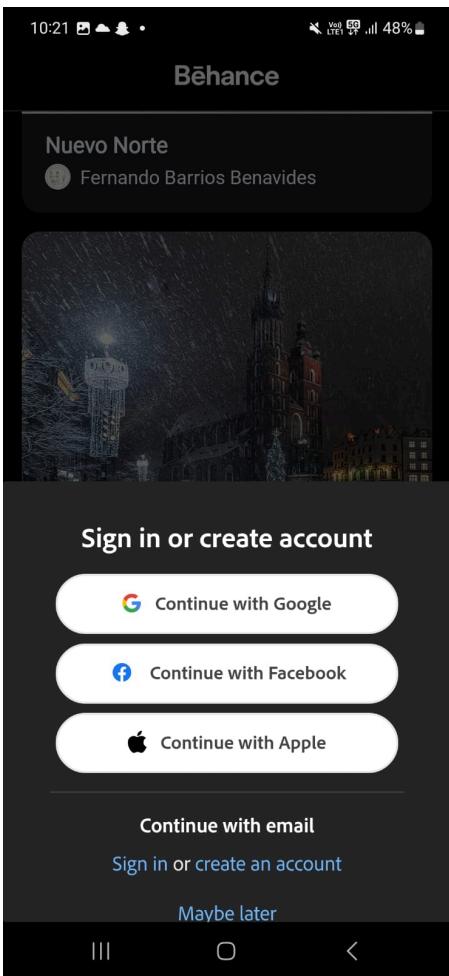
**NAME:** SHRAVANI SHANKAR RASAM

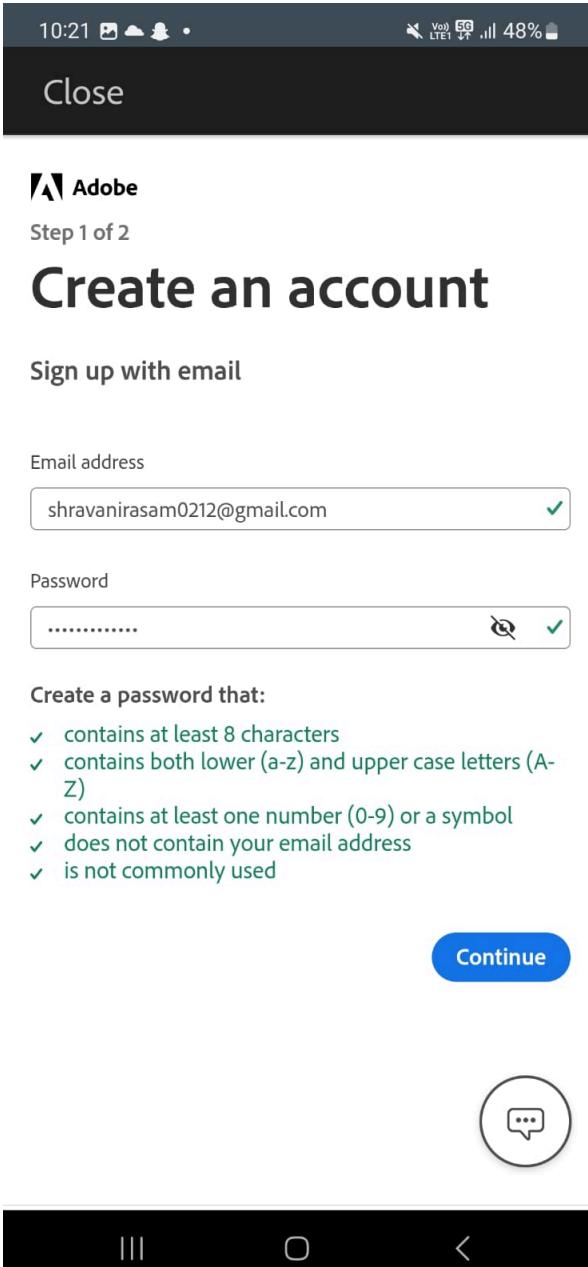
**CLASS :** D15 A

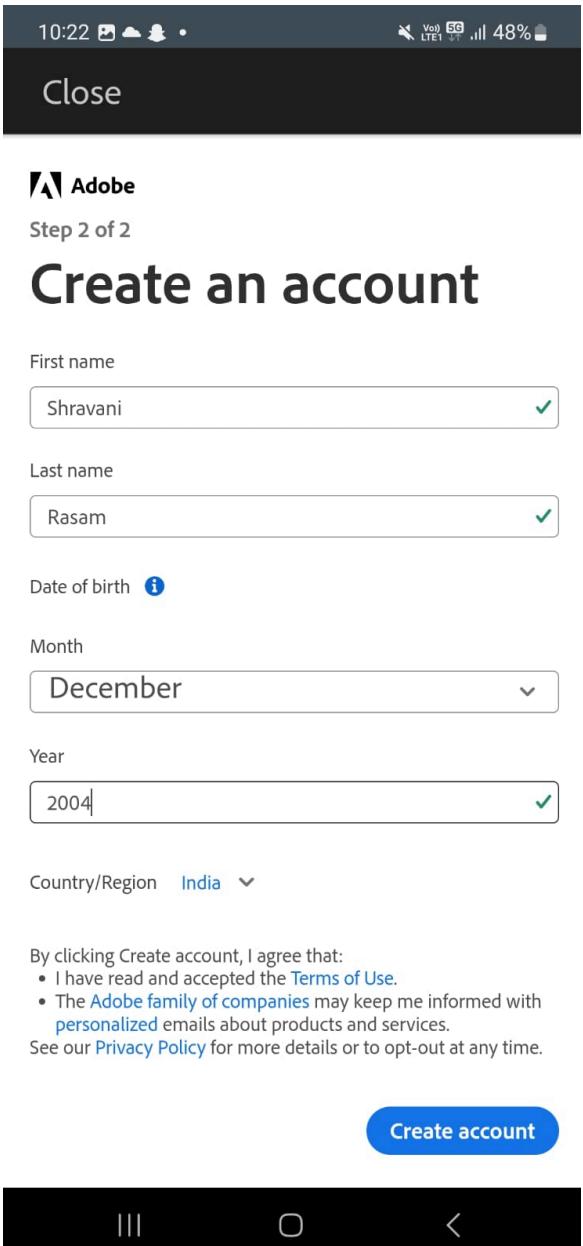
**ROLL NO:** 45

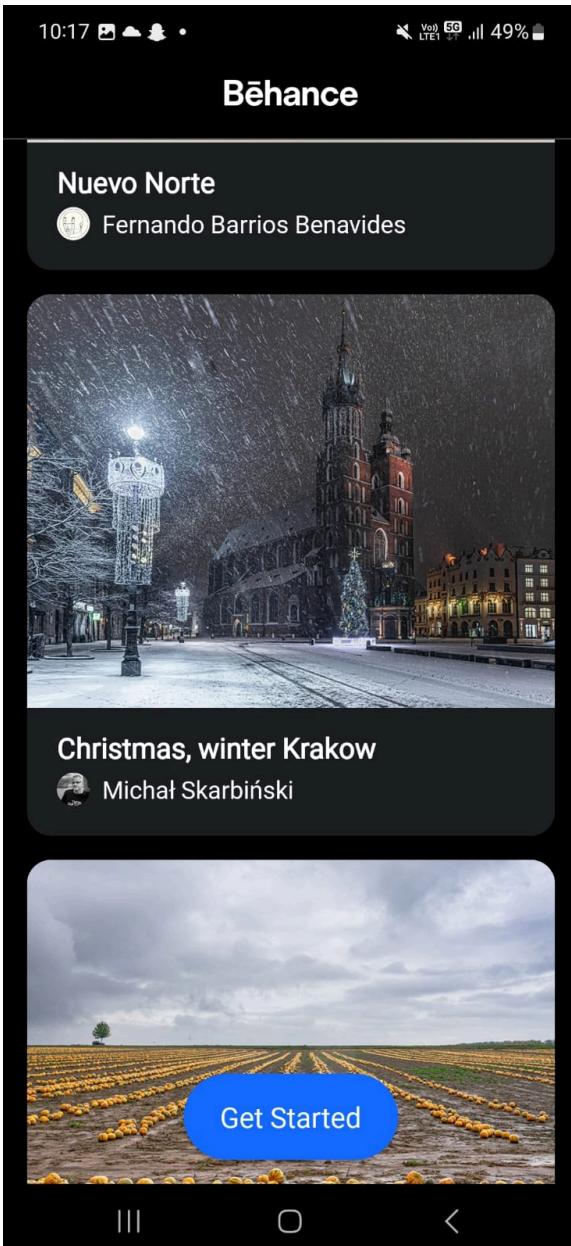
**AIM:** - Selecting features for application development, the features should comprise of:

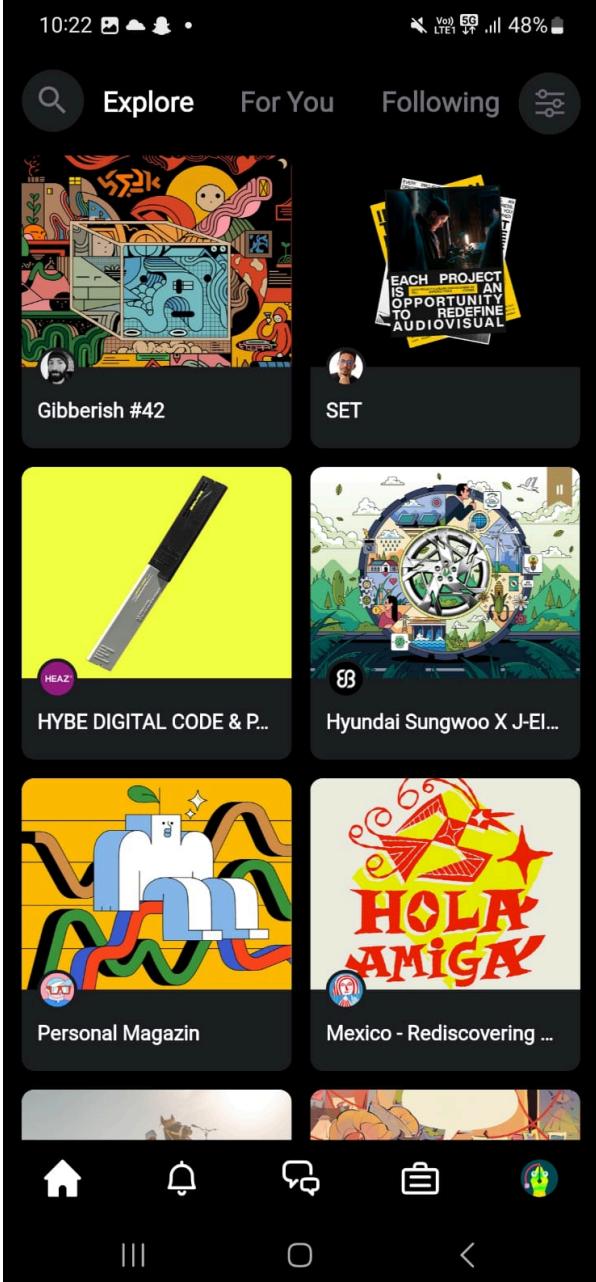
1. Common Widgets
2. Should include icons, images, charts etc.
3. Should have an interactive form.
4. Should apply navigation, routing and gestures
5. Should connect with FireBase database

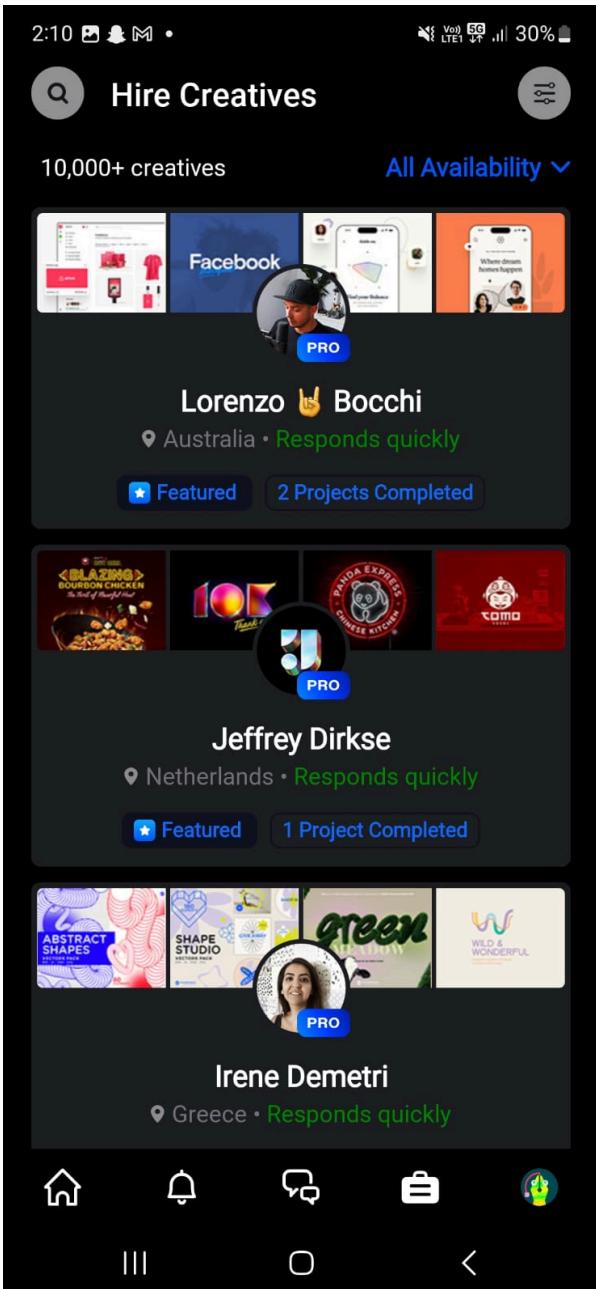
Screenshot	Features
	<p><b>SIGN-IN PAGE</b></p> <p><b>Purpose:</b></p> <ul style="list-style-type: none"><li>• Enables users to register or log in through google account or other social media logins to access app features.</li></ul> <p><b>Features:</b></p> <ul style="list-style-type: none"><li>• <b>Sign-Up Buttons</b><ol style="list-style-type: none"><li>1. Continue with different social media options</li><li>2. Continue with Email and password option</li></ol></li></ul> <p><b>Firebase Integration:</b></p> <ul style="list-style-type: none"><li>• Firebase provides a simple way to integrate Google Sign-In for authentication in app.</li><li>• User can securely login with help of a valid gmail account</li></ul>

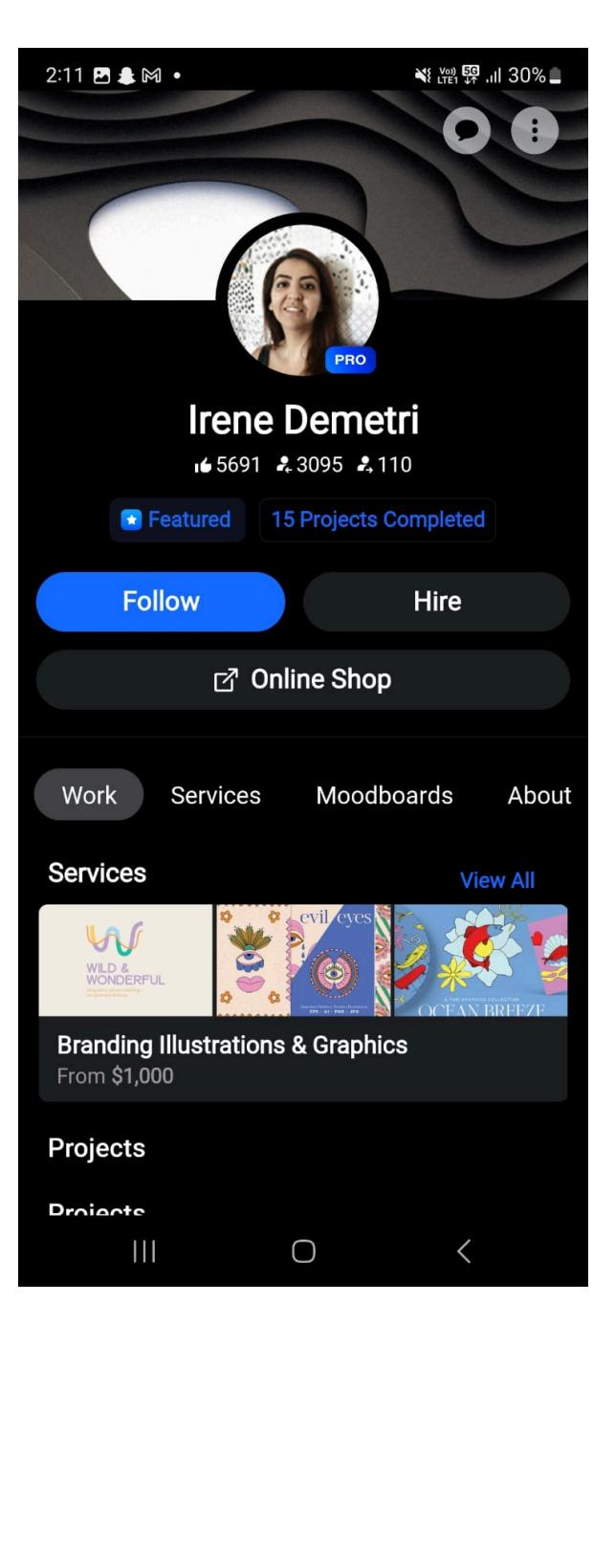
Screenshot	Features
	<p><b>SIGN-IN PAGE USING PASSWORD</b></p> <p><b>Purpose:</b></p> <ul style="list-style-type: none"> <li>Enables users to register or log in through email-id and password to access app features</li> </ul> <p><b>Features:</b></p> <ol style="list-style-type: none"> <li><b>Form Field :</b> Input fields for email id and password</li> <li><b>Action Button:</b> A Continue button to confirm the submission and proceed further</li> </ol> <p><b>Firebase Integration:</b></p> <ul style="list-style-type: none"> <li>Ensures secure login by storing user details in Firebase Authentication.</li> <li>Can validate user identity based on email id.</li> </ul>

Screenshot	Features
 <p>10:22   48%</p> <p>Close</p> <p>Adobe</p> <p>Step 2 of 2</p> <h2>Create an account</h2> <p>First name Shravani</p> <p>Last name Rasam</p> <p>Date of birth </p> <p>Month December</p> <p>Year 2004</p> <p>Country/Region India</p> <p>By clicking Create account, I agree that:</p> <ul style="list-style-type: none"> <li>I have read and accepted the <a href="#">Terms of Use</a>.</li> <li>The <a href="#">Adobe family of companies</a> may keep me informed with <a href="#">personalized</a> emails about products and services.</li> </ul> <p>See our <a href="#">Privacy Policy</a> for more details or to opt-out at any time.</p> <p><b>Create account</b></p>	<p><b>PROFILE CREATION</b></p> <p><b>Purpose:</b></p> <ul style="list-style-type: none"> <li>Enables users to fill basic details like first name, last name, Birth month and year.</li> </ul> <p><b>Features:</b></p> <ol style="list-style-type: none"> <li><b>Form Field :</b> Input fields for First name, Last name, Month, Year.</li> <li><b>Action Button:</b> A Create account button to confirm the submission, create user profile and proceed further</li> </ol> <p><b>Firebase Integration:</b></p> <ul style="list-style-type: none"> <li>Saves user information :             <ul style="list-style-type: none"> <li>First Name</li> <li>Last Name</li> <li>Month</li> <li>Year</li> </ul> </li> <li>This details are further used for fetching user details and updating the data</li> </ul>

Screenshot	Features
 <p>The screenshot displays the Behance mobile application's landing page. At the top, there is a dark header bar with the word "Behance" in white. Below this, the screen is divided into sections. The first section shows a project card for "Nuevo Norte" by Fernando Barrios Benavides, featuring a thumbnail of a city street at night and the title "Nuevo Norte". The second section shows another project card for "Christmas, winter Krakow" by Michał Skarbiński, also with a thumbnail and the title. At the bottom of the screen is a large, blue, rounded rectangular button with the text "Get Started" in white. Navigation icons for back, forward, and home are visible at the very bottom.</p>	<p><b>LANDING PAGE</b></p> <p><b>Top Bar</b></p> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Displays the Behance branding and provides navigation.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>Logo:</b> Shows the Behance branding.</li> </ul> </li> </ul> <p><b>Content Feed</b></p> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Showcases featured and recent artworks.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>Project Cards:</b> Displays artwork with the title and creator's name.</li> <li>○ <b>Thumbnail Images:</b> Provides a visual preview of the projects.</li> <li>○ <b>User Info:</b> Shows the creator's name and profile icon.</li> </ul> </li> </ul> <p><b>Call-to-Action Section</b></p> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Encourages users to engage with the platform.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>"Get Started" Button:</b> Prompts users to begin exploring or creating.</li> </ul> </li> </ul>

Screenshot	Features
	<p><b>HOME PAGE</b></p> <p><b>Top Navigation Bar:</b></p> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Allows users to easily navigate between sections like Explore, Following, For You, and provides a search icon for quick searches.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>Tab Bar:</b> Enables smooth switching between categories (e.g., Explore, Following, For You).</li> <li>○ <b>Search Icon:</b> Allows users to search for specific content.</li> </ul> </li> </ul> <p><b>Explore Section:</b></p> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Showcases a curated collection of diverse artworks from different users, making it easy to explore and discover new designs.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>Grid View:</b> Organizes artworks in a clean, visually appealing grid format.</li> <li>○ <b>Image Widgets:</b> Displays visuals of each artwork.</li> <li>○ <b>Text Widgets:</b> Labels each piece (e.g., "Personal Magazine," "Gibberish#42").</li> </ul> </li> </ul> <p><b>Bottom Navigation Bar:</b></p> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> A bottom navigation bar for quick access to app sections like Home, Notifications, Messages, Creatives and User Profile.</li> <li>• <b>Widgets:</b> Navigation Widget with routing and gesture handling.</li> </ul>

Screenshot	Features
 <p>The screenshot displays the 'Hire Creatives' mobile application interface. At the top, there's a search bar labeled 'Hire Creatives' and a filter icon. Below it, a banner shows '10,000+ creatives' and a dropdown menu for 'All Availability'. The main content area features three creative profiles in cards:</p> <ul style="list-style-type: none"> <li><b>Lorenzo Bocchi</b> (Australia) - Shows a profile picture of a man, a 'PRO' badge, and a portfolio grid. Below the card are 'Featured' and '2 Projects Completed' buttons.</li> <li><b>Jeffrey Dirkse</b> (Netherlands) - Shows a profile picture of a man, a 'PRO' badge, and a portfolio grid. Below the card are 'Featured' and '1 Project Completed' buttons.</li> <li><b>Irene Demetri</b> (Greece) - Shows a profile picture of a woman, a 'PRO' badge, and a portfolio grid. Below the card are 'Featured' and '1 Project Completed' buttons.</li> </ul> <p>At the bottom, there's a navigation bar with icons for Home, Search, Messages, Profile, and More.</p>	<h3>HIRE CREATIVES PAGE</h3> <h4>Top Navigation Bar</h4> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Allows users to search for and filter creatives easily.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>Search Bar:</b> Enables users to find specific creatives.</li> <li>○ <b>Filter Dropdown:</b> Allows filtering based on availability.</li> </ul> </li> </ul> <h4>Creative Listings Section</h4> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Showcases a list of creatives with their profile details and portfolio.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>Card Layout:</b> Displays each creative in an organized card format.</li> <li>○ <b>Profile Picture &amp; Name:</b> Highlights the user's identity with badges (e.g., PRO).</li> <li>○ <b>Location &amp; Status:</b> Shows country and response time.</li> <li>○ <b>Portfolio Preview:</b> Displays a small grid of their work.</li> <li>○ <b>Tags:</b> Includes labels like "Featured" and "Projects Completed."</li> </ul> </li> </ul> <h4>Bottom Navigation Bar</h4> <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Provides quick access to key app sections.</li> <li>• <b>Widgets:</b> <ul style="list-style-type: none"> <li>○ <b>Navigation Icons:</b> Includes Home, Search, Messages, Profile, and More.</li> </ul> </li> </ul>

Screenshot	Features
	<p><b>CREATIVE PROFILE PAGE</b></p> <h4>Header Section</h4> <ul style="list-style-type: none"> <li><b>Purpose:</b> Displays the creative's profile details and achievements.</li> <li><b>Widgets:</b> <ul style="list-style-type: none"> <li><b>Profile Picture &amp; Cover Image:</b> Highlights the user's identity.</li> <li><b>Name &amp; Badge:</b> Shows the user's name and PRO badge.</li> <li><b>Stats:</b> Displays likes, followers, and views.</li> <li><b>Tags:</b> Includes labels like "Featured" and "Projects Completed."</li> </ul> </li> </ul> <h4>Action Buttons</h4> <ul style="list-style-type: none"> <li><b>Purpose:</b> Allows users to engage with the creative.</li> <li><b>Widgets:</b> <ul style="list-style-type: none"> <li><b>Follow Button:</b> Enables following the creative.</li> <li><b>Hire Button:</b> Directs users to hire the creative.</li> <li><b>Online Shop Button:</b> Provides access to the creative's shop.</li> </ul> </li> </ul> <h4>Navigation Tabs</h4> <ul style="list-style-type: none"> <li><b>Purpose:</b> Organizes different sections of the profile.</li> <li><b>Widgets:</b> <ul style="list-style-type: none"> <li><b>Work Tab:</b> Showcases creative projects.</li> <li><b>Services Tab:</b> Lists available services.</li> <li><b>Moodboards Tab:</b> Displays inspiration collections.</li> <li><b>About Tab:</b> Provides background details.</li> </ul> </li> </ul> <h4>Services Section</h4> <ul style="list-style-type: none"> <li><b>Purpose:</b> Highlights available services with pricing.</li> <li><b>Widgets:</b> <ul style="list-style-type: none"> <li><b>Service Cards:</b> Displays thumbnails</li> </ul> </li> </ul>

