

## LAB SESSION 4

**TITLE: UI DESIGN INTERFACE ( WIREFRAMES)**

**DATE:**

**Problem Definition:**

Design a basic wireframe using Figma for building the user interface prototype of the project.

**Software used:**

Figma

**Theory:**

Wireframes are low-fidelity, simplified visual representations of a webpage or application's layout and structure. They focus on functionality, content placement, and user flow rather than visual design elements.

**Why Used:**

1. Communication: Facilitate discussion between stakeholders, designers, and developers.
2. Cost-effective: Allow for rapid iteration and changes early in the design process.
3. Focus: Emphasize structure and functionality without the distraction of visual details.
4. User-centric design: Help identify and address usability issues early.

**Purpose:**

1. Outline layout and information hierarchy.
2. Define core functionality and features.
3. Visualize user flow and navigation.
4. Establish consistency across different pages or screens.
5. Gather feedback on structure before investing in detailed design.
6. Serve as a blueprint for further development.

**Types of Wireframes:**

- Low-fidelity: Basic sketches or outlines, often hand-drawn.
- Mid-fidelity: More detailed digital wireframes with placeholder content.
- High-fidelity: Detailed wireframes that may include some visual design elements.

**Components of a Wireframe:**

- Layout grid.
- Navigation elements.
- Content blocks.
- Functional elements such as buttons and forms.
- Placeholder text and images.

**Wireframing Process:** a. Research and planning. b. Sketching initial ideas. c. Creating digital wireframes. d. Review and iteration. e. Transition to prototyping or visual design.

**Tools for Wireframing:**

- Specialized software like Balsamiq, Axure, and Sketch.
- General-purpose design tools such as Adobe XD and Figma.
- Paper and pencil for quick sketches.

Benefits for Different Stakeholders:

- Designers: Explore layout options quickly.
- Developers: Understand functionality requirements.
- Project managers: Estimate time and resources needed.
- Clients: Visualize the product early in the process.

Relationship to Other Design Phases:

- Precedes visual design and prototyping.
- Informs information architecture.
- Guides content strategy.

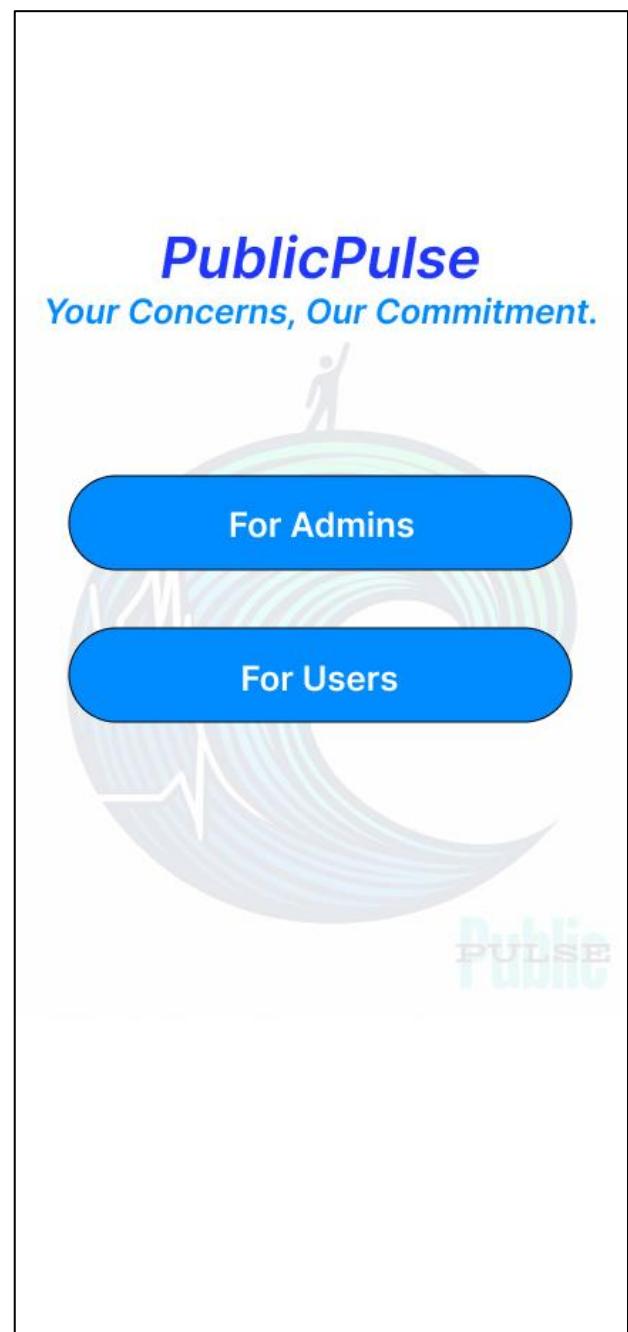
Best Practices:

- Keep it simple and focused.
- Use a consistent level of detail.
- Include annotations for clarity.
- Consider responsive design early.
- Test with users when possible.

Common Challenges:

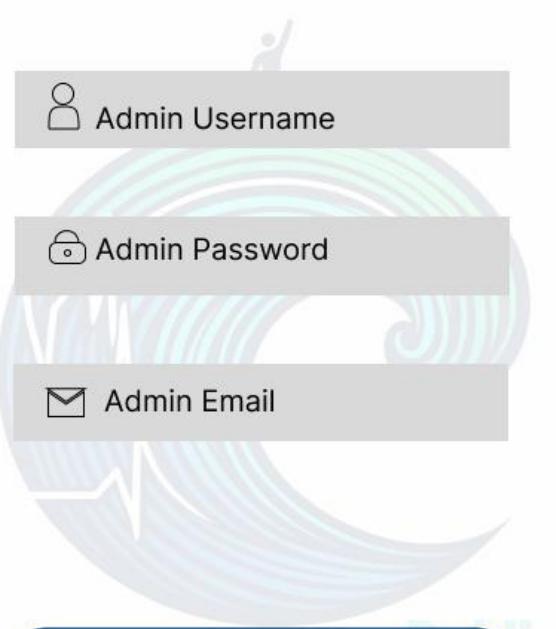
- Balancing detail and simplicity.
- Avoiding premature focus on aesthetics.
- Communicating interactivity in static wireframes.
- Managing stakeholder expectations.

**Output and Results:**



# Welcome Back

Enter your credential for login



Admin Username

Admin Password

Admin Email

**Login Now**

[Forgot password ?](#)

# USERS

## PublicPulse

Admin Name  
Admin ID: 54323

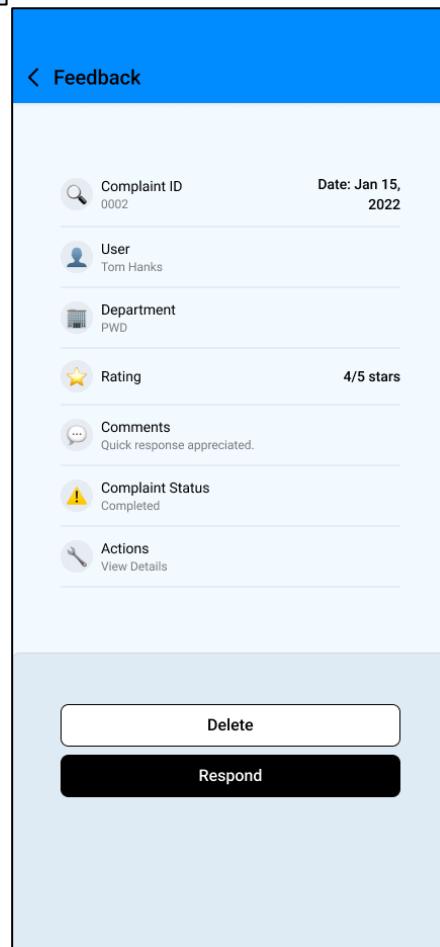
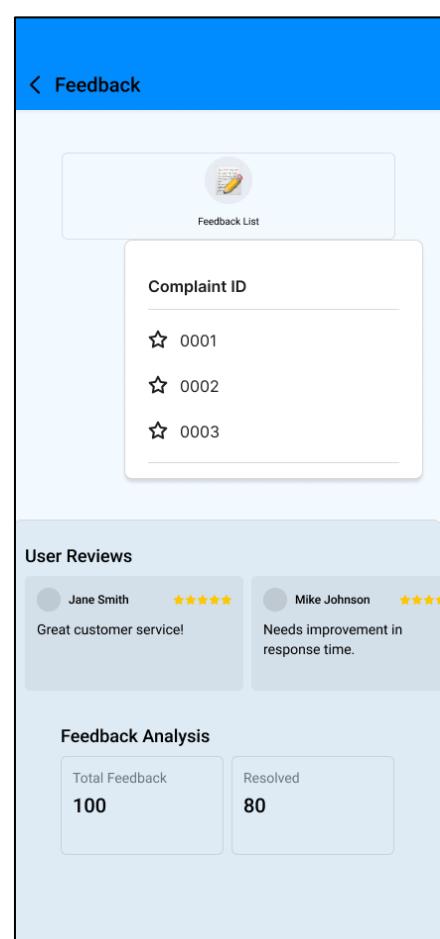
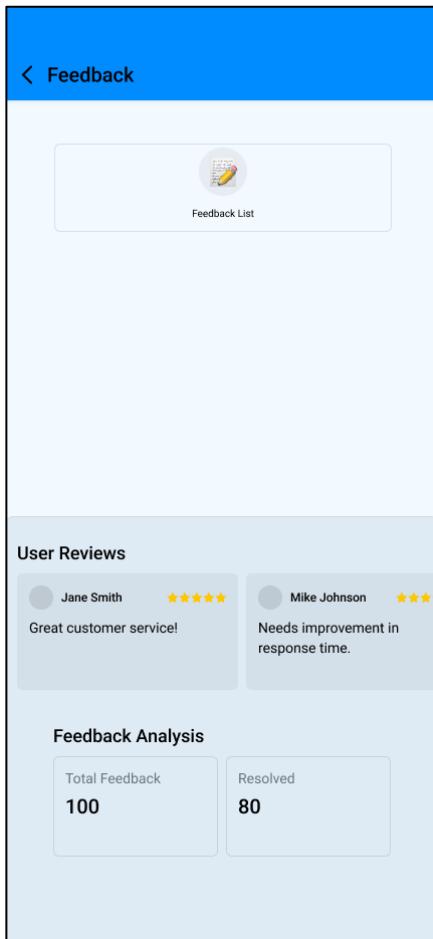
Overall Complaint Status [View Reports >](#)

Total Complaints <b>100</b>	Resolved Complaints <b>85</b>
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**PublicPulse**

**Feedback** **Dashboard** **Community** **Progress** **Account**



### < Dashboard

Search complaints...

Filter by title, date, or status



**PWD**

-  Complaint A  
Complaint Heading
-  Complaint B  
Complaints Heading
-  Complaint C  
Complaints Heading

**PULSE**

**Feedback** **Dashboard** **Community** **Progress** **Account**

### < Complaint View

#### Complaint Details

 Complaint ID	#12345
 Date Filed	2023-01-15
 Status	Pending
 Assigned To	John Doe
 Priority Level	Medium
 Action	<a href="#">View Details</a>



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### < Complaint Progress

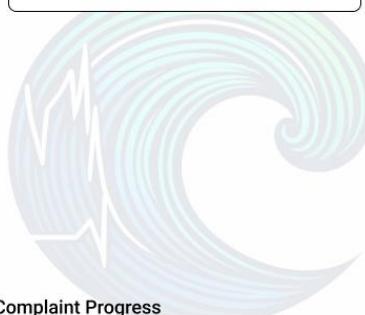
Search complaints...

Filter by title, date, or status

**Sort by Status**

**Sort by Department**

**Sort by Date**



**Complaint Progress**

 Complaint Title Department A	Pending
 Complaint Title Department B	In Progress

**Feedback** **Dashboard** **Community** **Progress** **Account**

< Admin Community Chat

Admin, Margao Electricity Department  
The street light at 14th street has been fixed.



< Settings

### Edit Profile Settings

123 Main St, City, Country

+1234567890

user@example.com

John Doe

### About Public Pulse

Public Pulse is dedicated to providing a platform for citizens grievances to government departments.. Our mission is to empower citizens who want to make the government department departments aware about difficulties faced by them.

### Contact Information

For support, reach out to us via email or phone

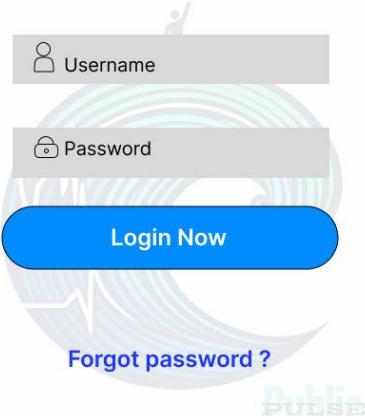
Email support     Call Support

### General Settings

- Notification Preferences
- Privacy Settings
- Language Selection
- Account Security

## ADMINS

**Welcome Back**  
Enter your credential for login

A circular logo featuring a stylized figure walking on a path, with the word "PULSE" written vertically next to it.

Username

Password

**Login Now**

[Forgot password ?](#)

Don't have an account? [Sign Up](#)

**Sign Up**  
Create your account

Username

Email

Password

Confirm Password

**Sign Up**

Or

 [Login with Google](#)

Already have an account? [Login](#)

**PublicPulse** 

Search complaints... 

Filter by title, date, or status

Complaint Overview

-  Complaint A  
Department A
-  Complaint B  
Department B
-  Complaint C  
Department C

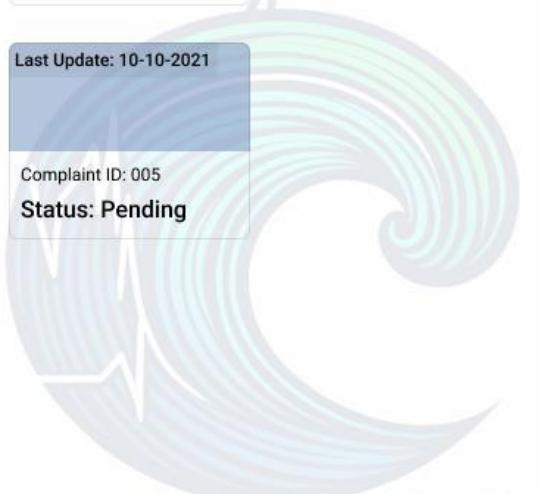


 Feedback  Community  Progress  Account

### < Complaint Progress

#### Complaint Details

Last Update: 05-10-2021 Complaint ID: 001 Status: Resolved	Last Update: 10-10-2021 Complaint ID: 002 Status: In Progress
Last Update: 10-10-2021 Complaint ID: 005 Status: Pending	



**PULSE**  
Public

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### < Feedback

Name: John Doe  
Email: john.doe@example.com  
User ID: 22555

**Complaint Information**  
Complaint ID: 12345  
Brief Description: Streetlight not working

Department ID: D0001  
Department Name: PWD

Rate Timeliness	★★★★★
Comments on Timeliness	
Rate Effectiveness	★★★★★
Comments on Effectiveness	
Rate Communication	★★★★★
Comments on Communication	

**Submit Feedback**

< Citizen Community Chat

Admin, Margao Electricity Department  
The street light at 14th street has been fixed.



Only Admins can send messages.

< Settings

### Edit Profile Settings

123 Main St, City, Country

+1234567890

user@example.com

John Doe

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< File a Complaint

Complaint Title  
Enter complaint title

Department  
Department

Complaint Date  
dd/mm/yy

Address  
Enter address

Pincode  
Enter pincode

Complaint Details  
Describe your complaint...

Attachment  
Upload files related to the complaint

Notification  
 Notify me of updates via email/SMS

< File a Complaint

Complaint Title  
Enter complaint title

Department  
Department

Complaint Date  
dd/mm/yy

Address  
Enter address

Pincode  
Enter pincode

Complaint Details  
Describe your complaint...

Attachment  
Upload files related to the complaint

Notification  
 Notify me of updates via email/SMS



**Conclusion:**

A wireframe is a critical tool in the design process that outlines the basic structure and functionality of a website or application. It serves as a blueprint, focusing on layout and user experience without the distraction of visual design elements. By clearly presenting the placement of content and interactive elements, wireframes facilitate collaboration among stakeholders, help identify potential usability issues early, and streamline the development process. This approach ensures that the final product is user-centered and meets the project's objectives efficiently, saving time and resources in the long run.