

2025

# UI/UX Design Challenge

## Overview

- Submission Details
- 3 Proposed Topics
- Insights + Tips
- Key Deliverables
- Evaluation Criteria

DETAILS & CONSIDERATIONS

# Submission Details

DESIGN SOFTWARES



LOOK & FEEL

**Participants, please utilize the design system outlined for the challenge. Colors, typography, grids & more are to be taken from the design system.**

## Submission Details

- 2 Weeks (14 days) to design one of the proposed topics.
- Submissions through: [Info@rihal.om](mailto:Info@rihal.om)

## File Submission Format:

1. Link to figma design file (Mandatory)
2. PDF format of the design (Optional)



MARCH 2025

DESIGN SYSTEM

# Utilize Material 3 Design Kit for the challenge

Figma link to the Design System

Material 3 Design Kit 🛒

Design System Documentation

Material Design Components Library 📖



## Note!

We have already embedded the design system into this file, and there's a copy you can download as well, begin designing 💪

Material Design

@materialdesign

Follow

Material is an adaptable design system—backed by open-source code—that helps teams easily build high-quality

experiences.

45k followers · 1 following

material.io

<https://twitter.com/materialdesign>

Community is a space for Figma users to share things they create.

Resources



Slots

Utilize the flexibility of "slots" by creating local components to unleash the power of Material 3 components.

View

Slots Playground

by Material Design

127 2k

DesignLab

Theme&Brand

Personalized theme and brand with Material 3

by Material Design

187 3.1k



DESIGNLAB

Build a  
scheme

Build a Material color scheme

by Material Design and 1 other

488 16.2k

Android  
UI Kit

@AndroidDesign

Android UI Kit

by Material Design and 1 other

3.9k 122k



LINKS

# Helpful Resources



## Design Principles

16 UI/UX Design Do's And Don'ts 📅

Design Principles 🎨

Laws of UX 🔑



## UX Process

The UX Design Process 🛠️

Research Methods Guide 📖



## Figma Introduction

Introduction to Figma 🗣️

Figma for beginners (4 parts) 🌐

Figma Resources 📚



PROPOSED CHALLENGE #1

# Topic 01: Predictive Crime Analytics Dashboard

BRIEF

How might we design a better way for law enforcement officers to view and respond to real-time crime data?



## User need

Officers need a clear overview of **live crime incidents** and the ability to quickly **assign personnel** to cases.



## Note!

Stay focused on **real-time crime tracking** and **case assignment**, not the entire dashboard.

PROPOSED CHALLENGE #2

# Topic 02: Citizen Safety & Reporting App

BRIEF

How might we design a seamless way for citizens to report suspicious activities through a mobile app?



## User need

Users should be able to report an incident by selecting a **crime type**, **uploading evidence**, and choosing to **submit** anonymously or with their ID.



## Note!

Stay focused on the **reporting experience**, not the entire app.



PROPOSED CHALLENGE #3

# Topic 03: Safe Route Navigation System

BRIEF

How might we design a mobile feature that helps users find the safest route home using real-time crime data.



## User need

The system should compare **different routes** and **highlight** the **safest** option.



## Note!

Stay focused on **route comparison** and **selection**, not the entire navigation app.

TIPS

# What are we looking for?

FOCUS OVER PERFECTION!

**Given the time constraint, don't seek perfection. Instead, focus on making deliberate choices that showcase your insights, methods, and design skills.**



## Prototyping Skills

How did you prototype the solution?



## Design Decisions

How did you make design decisions?



## User Understanding

How you understood the problem and user needs?



## DELIVERABLES

# Key Deliverables!

Optional deliverables are encouraged but not required. Not submitting them won't impact your evaluation negatively—focus on what best showcases your design skills!

 Must


## User Research

- Identify the **target users** and their **needs**.
- Summarize any quick **research insights** or assumptions you made.

 Must


## High-Fidelity UI Screens

Design at least **3 key screens** to showcase your solution.

 Optional

## Design Rationale

**Explain** your design choices (layout, colors, interactions, etc.) through annotations.

 Optional

## Prototype

If time allows, create an **interactive prototype** or a short walkthrough of your design.



DELIVERABLES

# Evaluation Criteria

Each criteria is scored on a **1-5 scale**:








**1 = Poor:** Does not meet expectations or lacks effort.

**2 = Needs Improvement:** Some effort is shown but major issues present.

**3 = Satisfactory:** Meets expectations but lacks depth or refinement.

**4 = Good:** Strong execution with thoughtful details.

**5 = Excellent:** Exceeds expectations with a well-thought-out approach.

Criteria	Description	Scoring
1. Understanding the Problem & User Needs	<ul style="list-style-type: none"><li>• Show a clear understanding of the problem statement.</li><li>• Consider the needs of your target users (law enforcement, citizens, or navigation users).</li><li>• Apply relevant research insights to inform your solution.</li></ul>	 Score 1-5
2. Design Thinking & Problem-Solving Approach	<ul style="list-style-type: none"><li>• Address key pain points effectively in your design.</li><li>• Clearly justify your design decisions.</li><li>• Ensure a logical and smooth user experience.</li></ul>	 Score 1-5
3. Usability & Interaction Design	<ul style="list-style-type: none"><li>• Make your design intuitive and easy to use.</li><li>• Keep key actions (e.g., reporting an incident, selecting a route) simple and efficient.</li><li>• Think through the interaction design to enhance usability.</li></ul>	 Score 1-5
4. Visual Design & UI Aesthetics	<ul style="list-style-type: none"><li>• Ensure your UI is visually appealing and follows best practices.</li><li>• Use typography, colors, and spacing effectively.</li><li>• Maintain consistency in your design system.</li></ul>	 Score 1-5
5. Clarity of Design Rationale	<ul style="list-style-type: none"><li>• Explain your design decisions clearly.</li><li>• Use annotations or brief justifications where needed.</li></ul>	 Score 1-5
6. Overall Presentation & Communication	<ul style="list-style-type: none"><li>• Structure your submission in a way that's easy to follow.</li><li>• Provide a clear narrative that explains your solution.</li></ul>	 Score 1-5
7. Applying the Design System (Material 3 Design)	<ul style="list-style-type: none"><li>• Consistent use of design system components and patterns.</li><li>• Appropriate application of color, typography, iconography, and spacing as defined by the design system.</li></ul>	 Score 1-5



STEP 1:

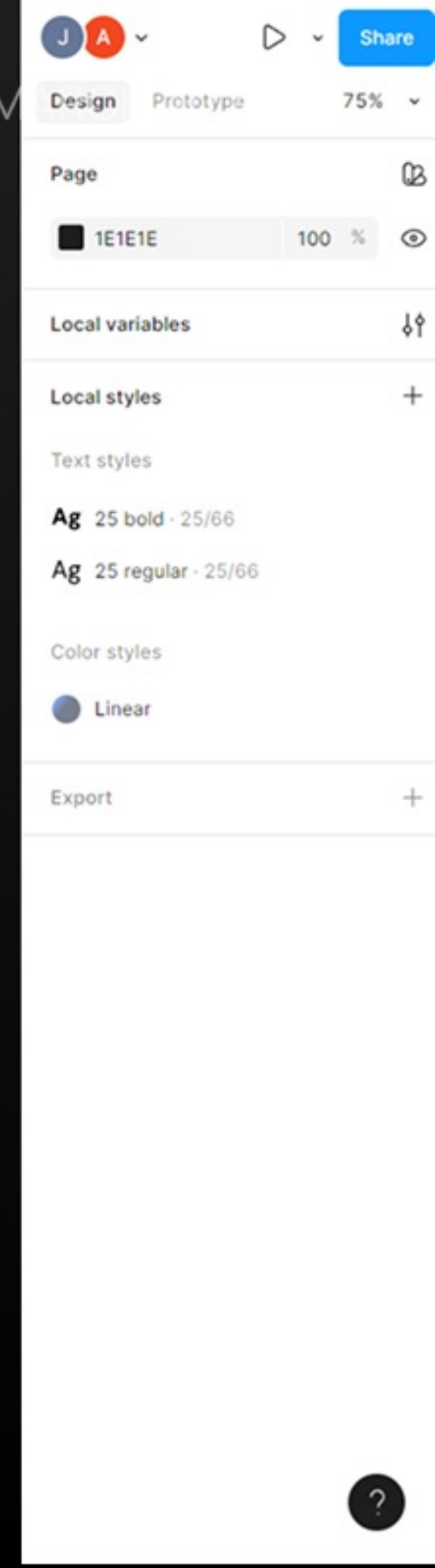
# Select 'Share'



## Rihaj CodeStackers Challenge 2025

CLICK ON THE "SHARE" BUTTON

**You'll find the "Share" button in the top-right corner of the Figma interface.**

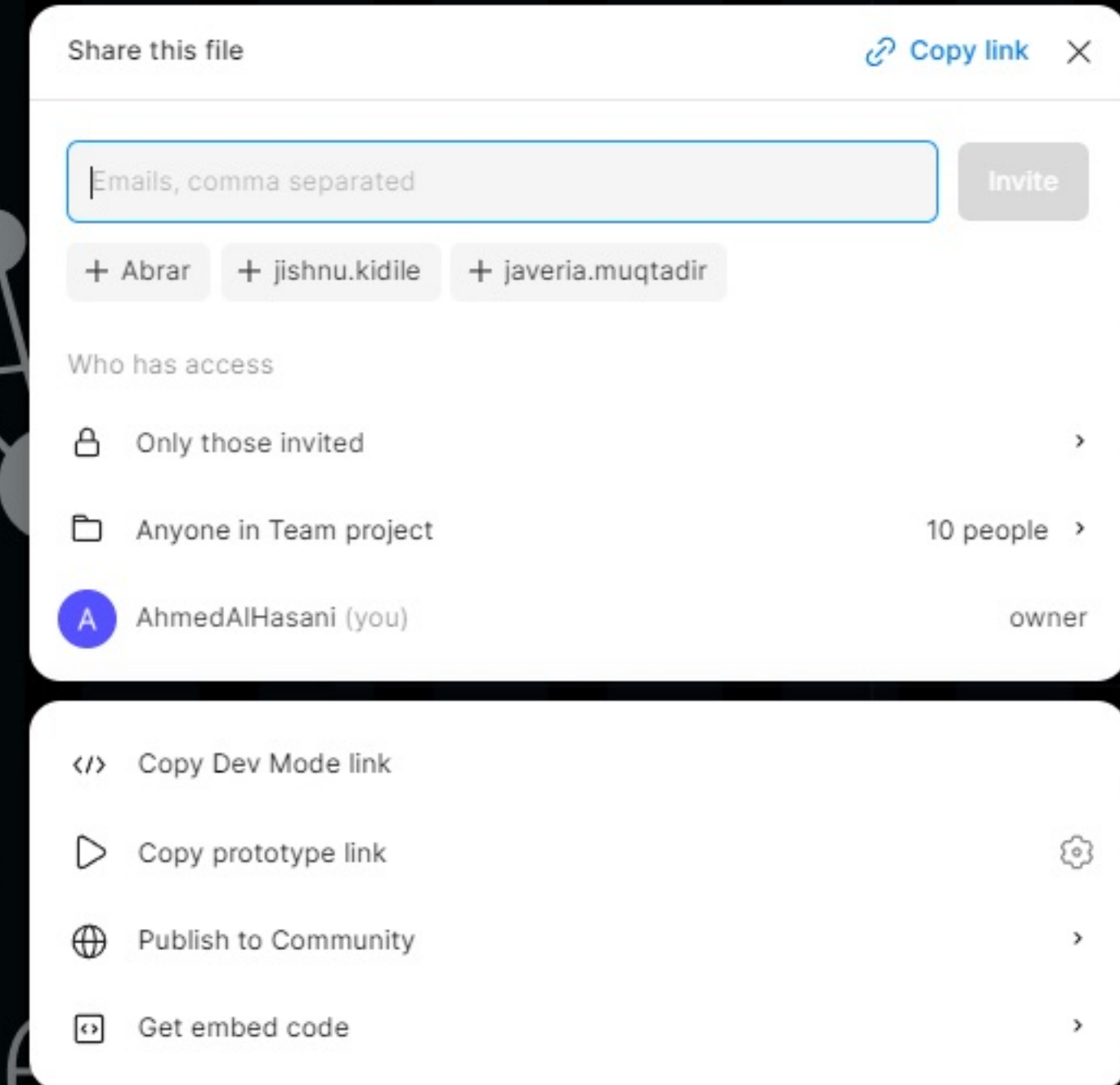


STEP 2:

# Adjust Access Settings

ADJUST ACCESS SETTINGS

- Under the "Who has access" section, you'll see the current permissions (such as "Restricted" or "Anyone").



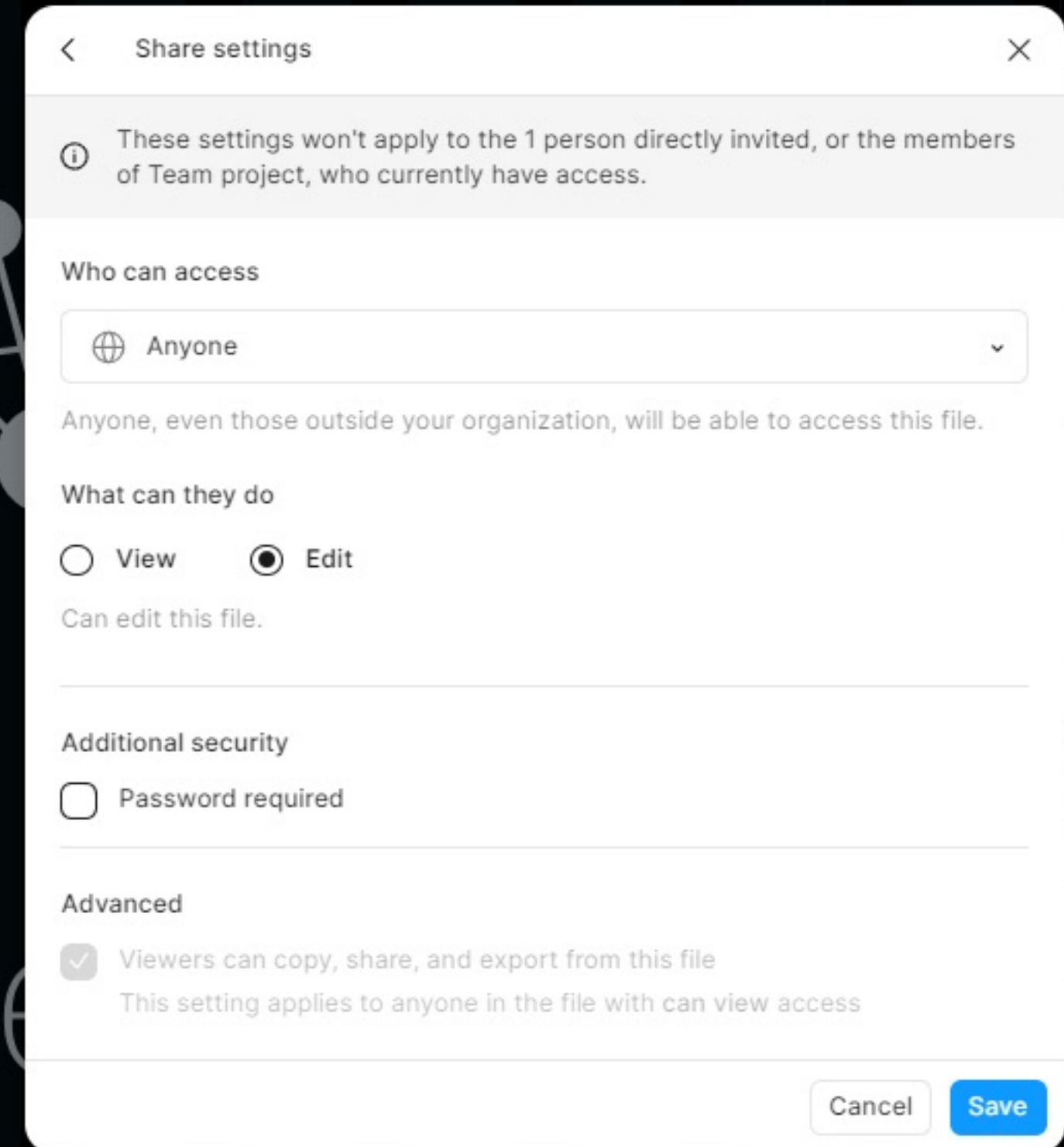


STEP 3:

# Change the Access Setting

CHANGE THE ACCESS SETTING

- Set the access level to "Anyone"
- Change the access level to "edit".



A screenshot of a 'Share settings' dialog box. The dialog has a title bar with a back arrow, 'Share settings', and a close 'X' button. Below the title bar is a light gray informational box with an 'i' icon and text: 'These settings won't apply to the 1 person directly invited, or the members of Team project, who currently have access.' The main content area is divided into sections: 'Who can access' with a dropdown menu set to 'Anyone' (indicated by a globe icon and a downward arrow); a sub-note 'Anyone, even those outside your organization, will be able to access this file.'; 'What can they do' with radio buttons for 'View' and 'Edit' (the 'Edit' button is selected); a sub-note 'Can edit this file.'; 'Additional security' with an unchecked checkbox for 'Password required'; and 'Advanced' with a checked checkbox for 'Viewers can copy, share, and export from this file' and a sub-note 'This setting applies to anyone in the file with can view access'. At the bottom right are 'Cancel' and 'Save' buttons.

< Share settings X

i These settings won't apply to the 1 person directly invited, or the members of Team project, who currently have access.

Who can access

Anyone

Anyone, even those outside your organization, will be able to access this file.

What can they do

☐ View ☒ Edit

Can edit this file.

Additional security

☐ Password required

Advanced

☒ Viewers can copy, share, and export from this file  
This setting applies to anyone in the file with can view access

Cancel Save

STEP 4:

# Copy the Link

COPY THE LINK

- Click "Copy link" to get the shareable link with the updated access settings.

Cover

Share this file

Copy link

Emails, comma separated

Invite

+ Abrar

+ jishnu.kidile

+ javeria.muqtadir

Who has access

Only those invited

Anyone in Team project

10 people

A AhmedAlHasani (you)

owner

</> Copy Dev Mode link

Copy prototype link

Publish to Community

Get embed code



STEP 4:

# Send the Link

SEND THE LINK

- Share the copied link via email at **info@rihal.om**