

Resource Revenue Tracker

Capstone 52 · Civic tech · Talodabi Academy

1 · Project overview

Source-labelled reader for published resource revenue and community project records.

Deliverable	Full mobile MVP in Figma (not code)
Platform	Mobile app · Android-first · portrait
Screens	11 screens + 1 unhappy path (12 frames)
Features	3 core features
Bottom navigation	Explore · Projects · Sources · Profile
Prototype	4 linked flows

Build order: Auth (screens 1–4) → nav tabs (5–8) → core flow (9–11) → unhappy path → link prototypes.

2 · Problem & primary user

Public information about resource licenses, revenue, and promised community projects is spread across reports and news updates. Residents and journalists need a source-labelled view that does not turn missing data into an accusation.

Primary user

"Esther, a 31-year-old community reporter who follows mining-related projects in her state."

Geographic scope: National-level

3 · Goals

User goal: Read a plain-language public record and trace every figure back to its published source.

Business goal: Civil-society programs, newsrooms, researchers, and public-interest funders pay for monitoring tools.

Success: User opens a record, understands its source and date, and follows a linked community project.

4 • Market context

QUESTION	ANSWER
Who pays	Civil-society programs, newsrooms, researchers, and public-interest funders pay for monitoring tools.
Why not WhatsApp	Links and screenshots circulate in chats without source dates, definitions, or a durable record.
Design focus	Every figure carries a source, publication date, geography, and plain-language definition.

Competitors to check:

- **Government PDF releases** (hard to compare)
- **News reports** (event-based)
- **Spreadsheet monitoring** (specialist workflow)

5 • Validate before you design

Interview 3–5 people who match your primary user. Update this brief if interviews contradict it. Do not start hi-fi until you complete the confirmation below.

FIELD	YOUR ANSWER
Validated user (name, age, city)	
Problem in one sentence	
One interview quote	
Success metric for your test	
Primary colour and tone	
One competitor you checked	

Interview prompts

- "Walk me through the last time this happened."
- "What did you use instead? WhatsApp, paper, or nothing?"
- "What would make you trust this on a cheap Android phone?"
- "What would stop you from using this every week?"

6 • Features & scope

v1 • three features

1. Browse published records by resource, state, and year
2. Open source card with date, publisher, and definition
3. Follow a community project and its reported milestones

Out of scope

- Investigative allegations
- Predicting unreported revenue
- Replacing official audit institutions

7 · Screens

Design every row in wireframe, high-fidelity UI, and prototype (where the flow applies).

#	LAYER	SCREEN	WHAT TO SHOW
1	Auth	Splash Screen	App logo, name, and tagline for Resource Revenue Tracker.
2	Auth	Onboarding (1 screen)	Explain the app in one sentence. One Get Started button.
3	Auth	Sign Up Screen	Name, phone number, state, and PIN. No email required.
4	Auth	Sign In Screen	Phone number and PIN. Forgot PIN link.
5	App shell	Explore (tab)	Resource, state, and year filters with source-labelled record cards. Show bottom nav with Explore active.
6	App shell	Projects (tab)	Community project list with reported milestone and last-update date. Show bottom nav with Projects active.
7	App shell	Sources (tab)	Saved source documents with publisher, date, and external-link label. Show bottom nav with Sources active.
8	App shell	Profile (tab)	Name, state interests, saved resources, and notification settings. Show bottom nav with Profile active.
9	Core flow	Record · Plain summary	Published figure with state, year, and definition. Show bottom nav on post-sign-in screens.
10	Core flow	Source · Detail	Publisher, document date, and external source link. Show bottom nav on post-sign-in screens.
11	Core flow	Project · Followed	Community project added to watchlist with milestone status. Show bottom nav on post-sign-in screens.

Layers: Auth = 1–4 · App shell = 5–8 · Core flow = 9–11

8 · Prototype flows

Link these in Figma. Examiners should click through without your voice-over.

Flow 1 · App entry

Splash → Onboarding → Sign Up or Sign In → first main tab

Flow 2 · Core task (all three features)

Sign In → Explore tab → Record summary → Source detail → Projects tab → Follow

Core flow screens: Record · Plain summary · Source · Detail · Project · Followed

Flow 3 · Navigation

Link every nav tab so examiners can tap each bottom nav item. Tabs: Explore · Projects · Sources · Profile

Flow 4 · Unhappy path

Trigger the unhappy path edge case and link to that screen.

9 · Unhappy path

Design this as its own screen state (frame 12):

A year has no published record. Show: No source found for this period. Do not display zero as a fact.

Link in **Flow 4**.

10 · Design system

RULE	DETAIL
Colour	You choose. Keep it simple and readable.
Type	You choose. Keep body text easy to read on a phone.
Tone	Design for your user, not for a tech audience.

Reuse on every screen:

- Primary button (active and disabled states)

- Input field (empty, filled, and error states)
- Card or list item used across the app
- Navigation bar with correct labels and icons
- Empty state: what the screen looks like with no data

11 • Submit & defense

Deliverables

#	DELIVERABLE	WHAT GOOD LOOKS LIKE
1	Wireframes	Every screen in this brief, plus the unhappy path. Layout and labels clear.
2	High-fidelity UI	Same frames polished. You choose colour and type. Bottom nav on every post-sign-in screen.
3	Prototype	Four linked flows (entry, core task, navigation, unhappy path). Examiners can use the app without your voice-over.
4	AI prototype	Figma Make: at least 2 screens. Share link.
5	Case study (1 page)	Problem · User · Who pays · Competitors · Solution · One design decision
6	Presentation (6–8 slides)	Name · Problem · User · Solution · Key screens · Flow demo · One decision

Before you present

- ☐ Every screen designed in wireframe and hi-fi
- ☐ Unhappy path screen designed and linked in the prototype
- ☐ Four prototype flows linked end to end
- ☐ At least one empty state on a list tab
- ☐ Shared components reused: button, input, card or row, bottom nav
- ☐ Case study names who pays and one competitor you checked
- ☐ You can explain one design decision in critique (why, not what)
- ☐ Completed 5 user interviews or 1 usability test
- ☐ Checked at least one competitor listed under Market context