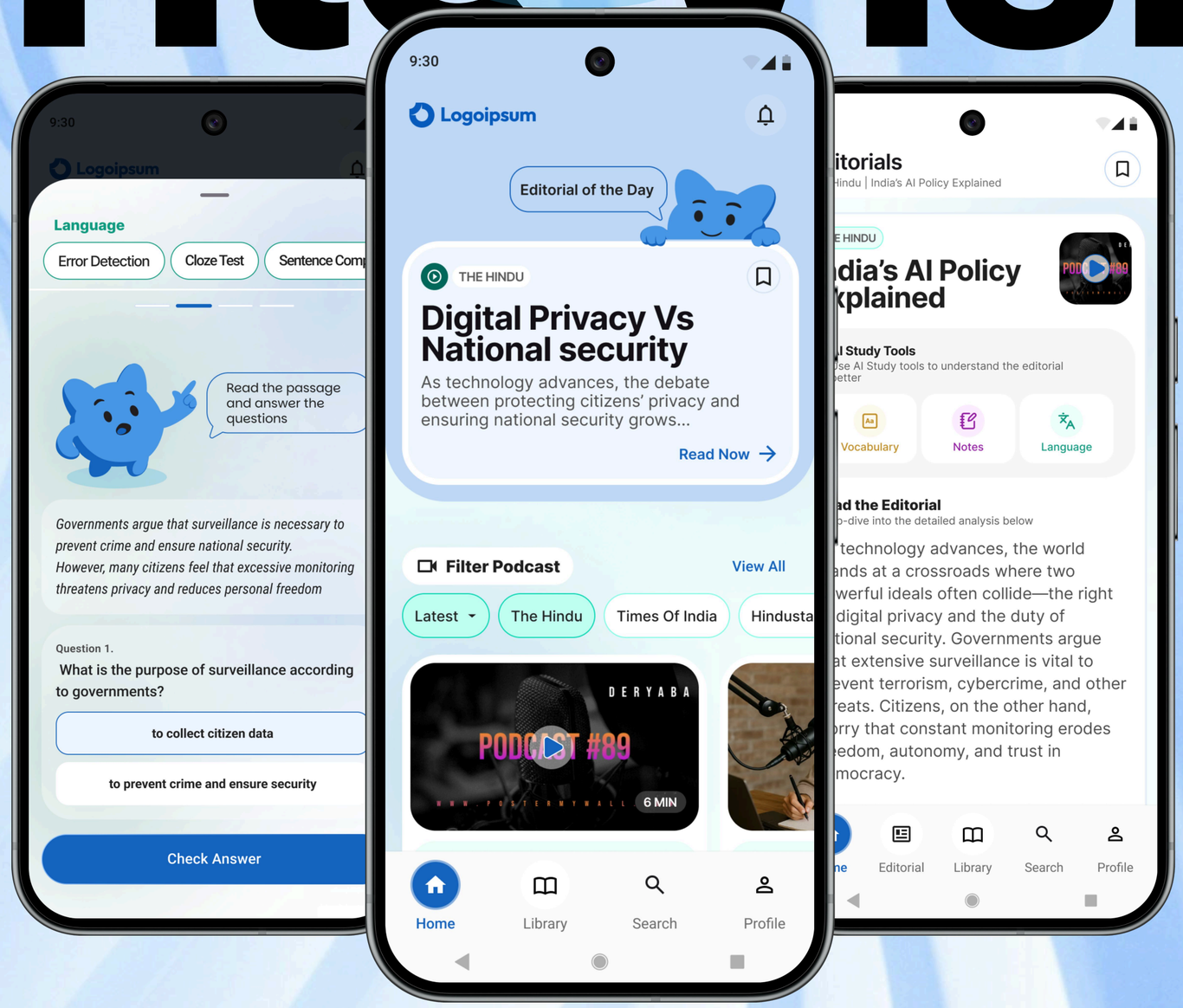
WriteVision



Designed & Developed by DevQuarters

Visual & UI Design

Answer this!

Find right word!

Correct choice! You are doing great

You have completed all questions!

No Worries! Practice makes man perfect

Reading time!

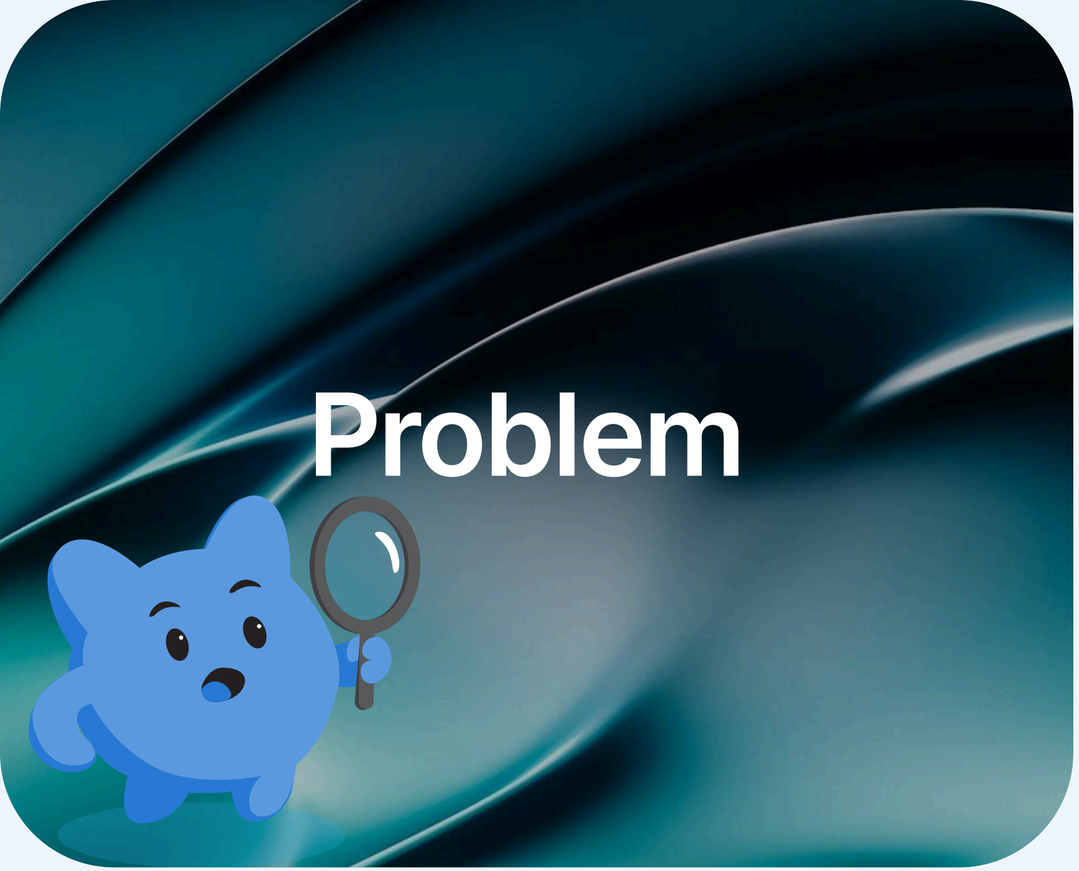
Project
in a nutshell

This project focuses on designing a mobile app for competitive exam aspirants (UPSC, SSC, and similar exams) who need to read, understand, revise, and retain current affairs efficiently.

The app combines editorials, videos, and AI-powered study tools to support both daily consumption and long-term revision.

To help competitive exam aspirants understand, retain, and revise current affairs by providing a focused reading experience supported by videos, AI study tools, and an organized library for revision.

Goal



Aspirants face recurring issues while preparing current affairs:

- Editorials are long and hard to revise
- Switching between reading, note-making, and videos breaks focus
- Most news apps are built for casual reading, not exam preparation

Create a study-first current affairs experience where aspirants can read, watch, and revise editorials in one continuous flow, without switching between tools.

Solution

A UX Research Report on the Write Vision Ecosystem

Cognitive Pedagogical Optimization for High-Stakes Exam Preparation

1. Abstract

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2. Problem Context: Editorial Reading in Competitive Exam Preparation

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8. AI in Editorial L

8.1 Trust Factors:

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1.

Editorial Reading Must Protect Focus, Not Fight It

High-stakes exam aspirants read editorials with intent, not curiosity.

The research confirms that cognitive load increases sharply when reading experiences are cluttered, interruptive, or visually unstable.

Design decisions must therefore prioritize:

- calm layouts,
- predictable navigation,
- and uninterrupted reading flow.

Outcome: Editorials should feel mentally safe to read daily, even on mobile, without fatigue or distraction.

2.

AI Works Best as a Silent Learning Assistant

AI adds value when it supports comprehension and retention, not when it dominates the interface.

Trust is built when AI:

- stays contextual,
- explains only when needed,
- and remains transparent about sources.

Outcome: The ideal AI role in Write Vision is a co-pilot—helping aspirants extract meaning, vocabulary, and structure without breaking their reading rhythm.

10. UX Synthesis for Write Vision

Core Principles Derived from Research:

- Editorials remain the primary surface
- AI tools support understanding — never

9. Infrastructure Constraints in India

Key Realities:

- Low-end Android devices
- Fluctuating connectivity
- Battery and storage sensitivity

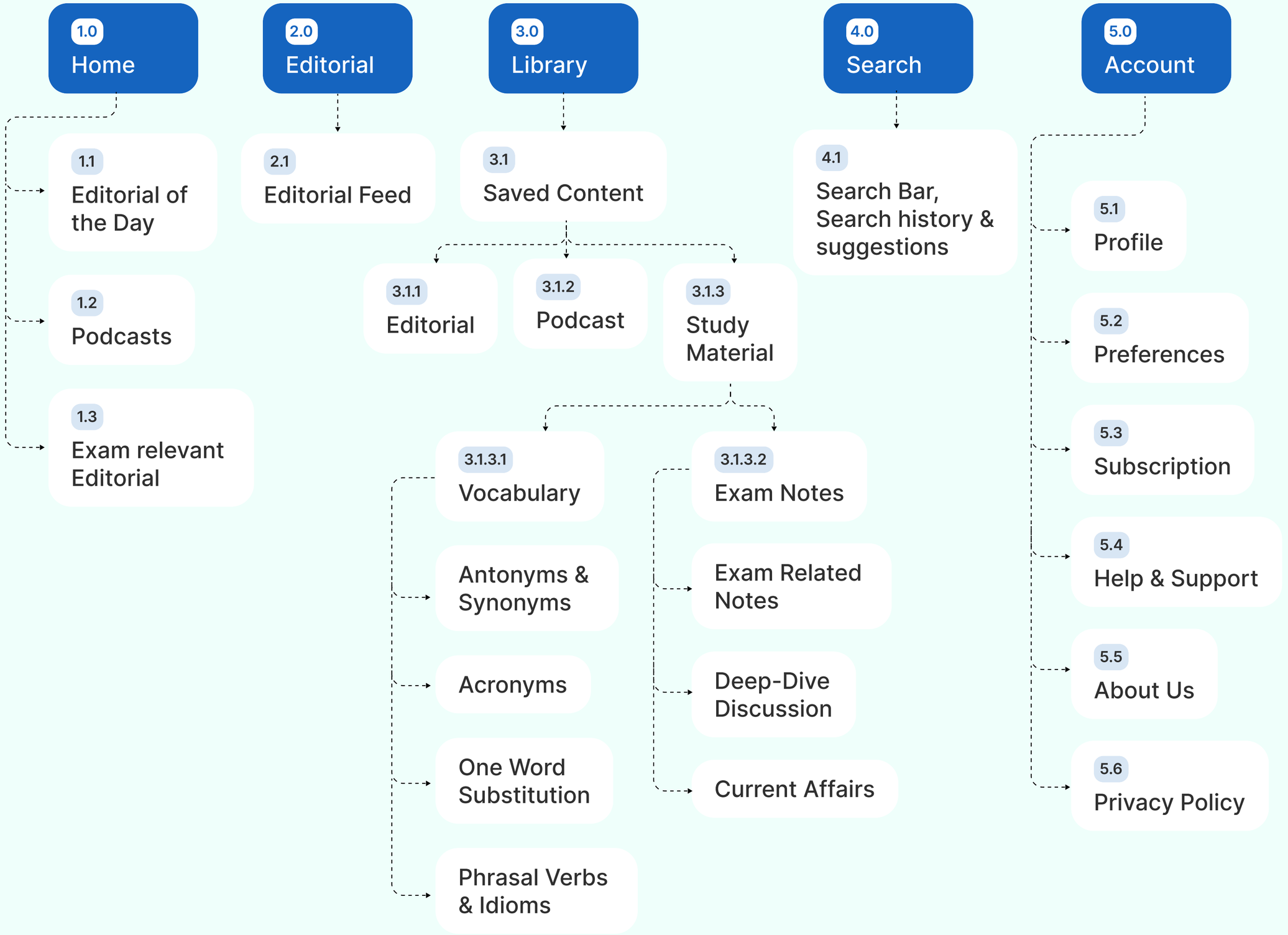
7. Non-Native English Users

7.1 Key Findings:

- Non-native aspirants lag by 10k–20k words
- Knowing a word = Form + Meaning + Use
- Most retention comes from contextual exposure, not lists

Design insight:

Sitemap


1.0
Home
1.1
Editorial of the Day
1.2
Podcasts
1.3
Exam relevant Editorial
2.0
Editorial
2.1
Editorial Feed
3.0
Library
3.1
Saved Content
3.1.1
Editorial
3.1.2
Podcast
3.1.3
Study Material
3.1.3.1
Vocabulary
Antonyms & Synonyms
Acronyms
One Word Substitution
Phrasal Verbs & Idioms
3.1.3.2
Exam Notes
Exam Related Notes
Deep-Dive Discussion
Current Affairs
4.0
Search
4.1
Search Bar, Search history & suggestions
5.0
Account
5.1
Profile
5.2
Preferences
5.3
Subscription
5.4
Help & Support
5.5
About Us
5.6
Privacy Policy

Design

1. Understanding & Defining core use cases

Defined key actions: read, watch, use study tools, and save for revision.

2. UX Research

Studied how exam aspirants consume current affairs, revise content, and use notes during preparation.

3. Sitemap

Structured content into Home, Editorials, Library, and contextual study tools.

4. Wireframing

Focused on reading flow, swipe navigation, and bottom-sheet interactions.

5. Visual Design

Created a calm UI system to support long study sessions.

Development

6. Frontend Development

Implemented designs in React Native with reusable components.

7. Backend & AI

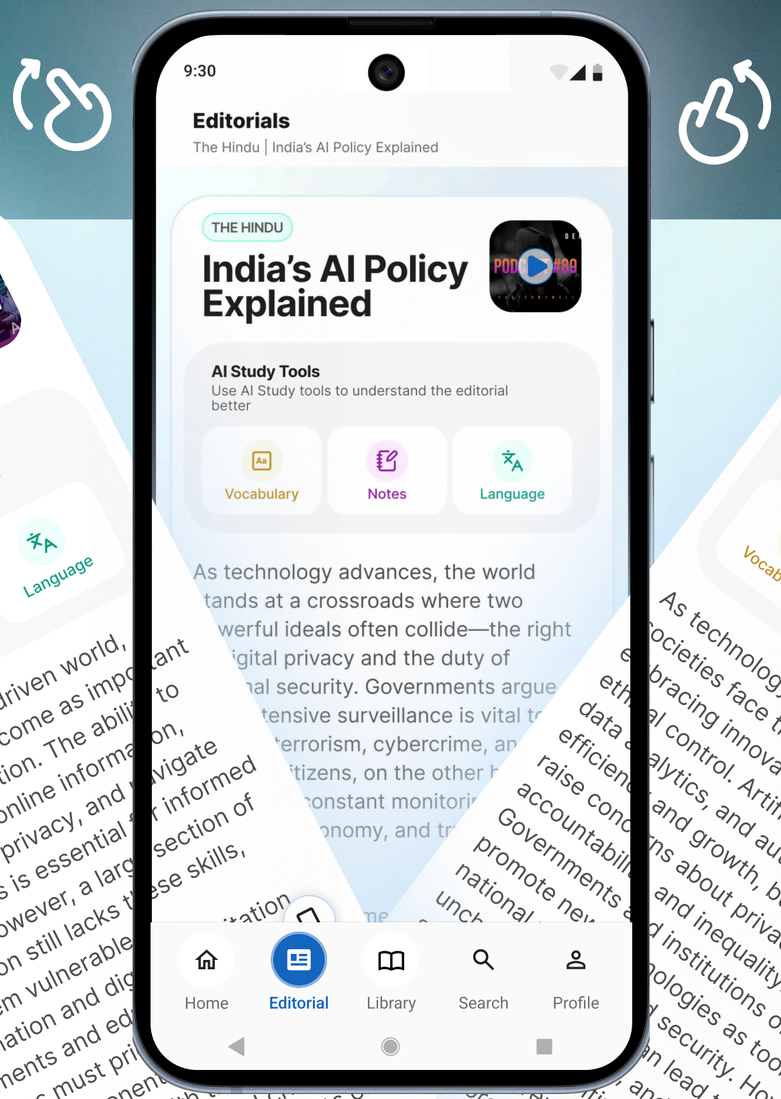
Built scalable services and integrated AI study tools.

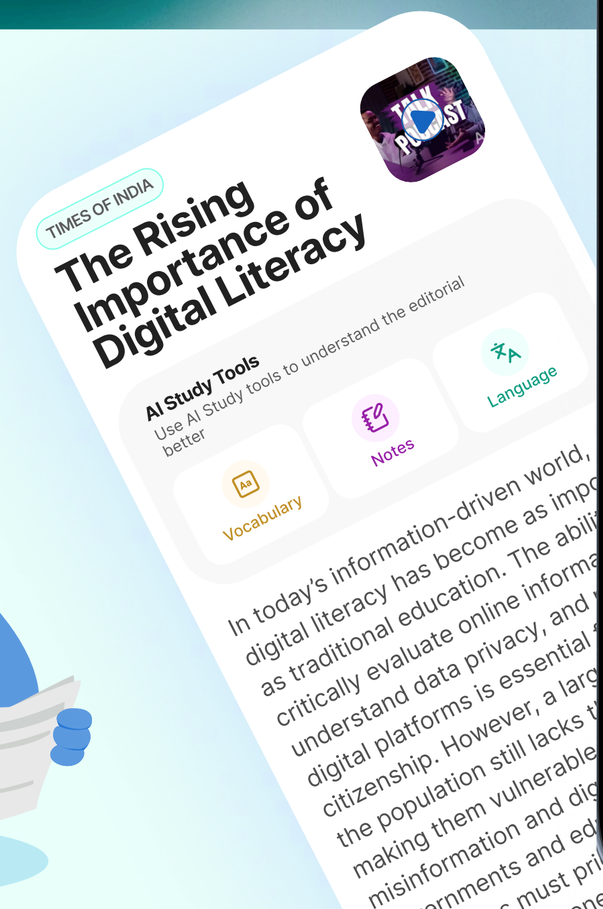
8. Testing

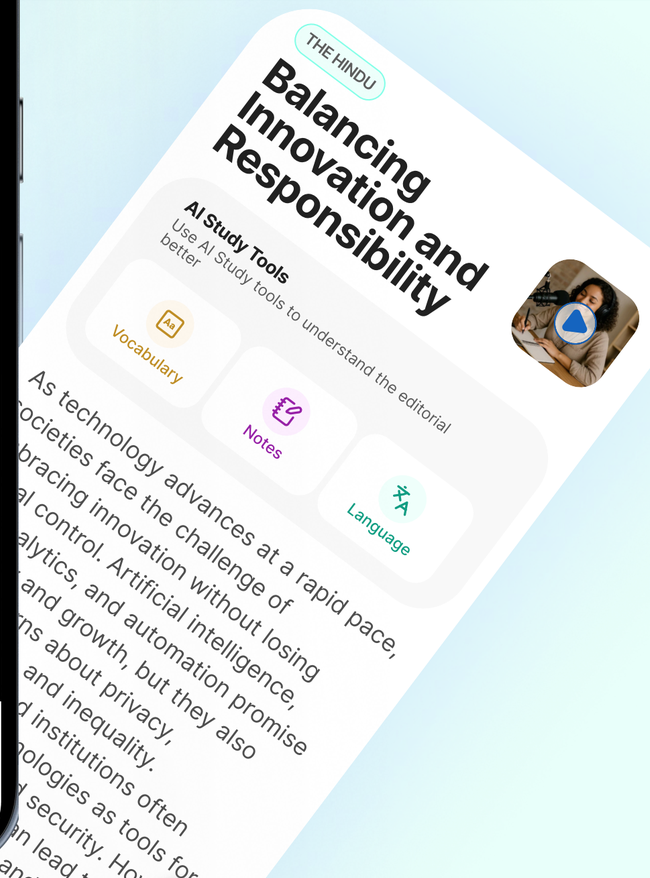
Validated reading flow, navigation, and save actions.

Swipe Through Editorials

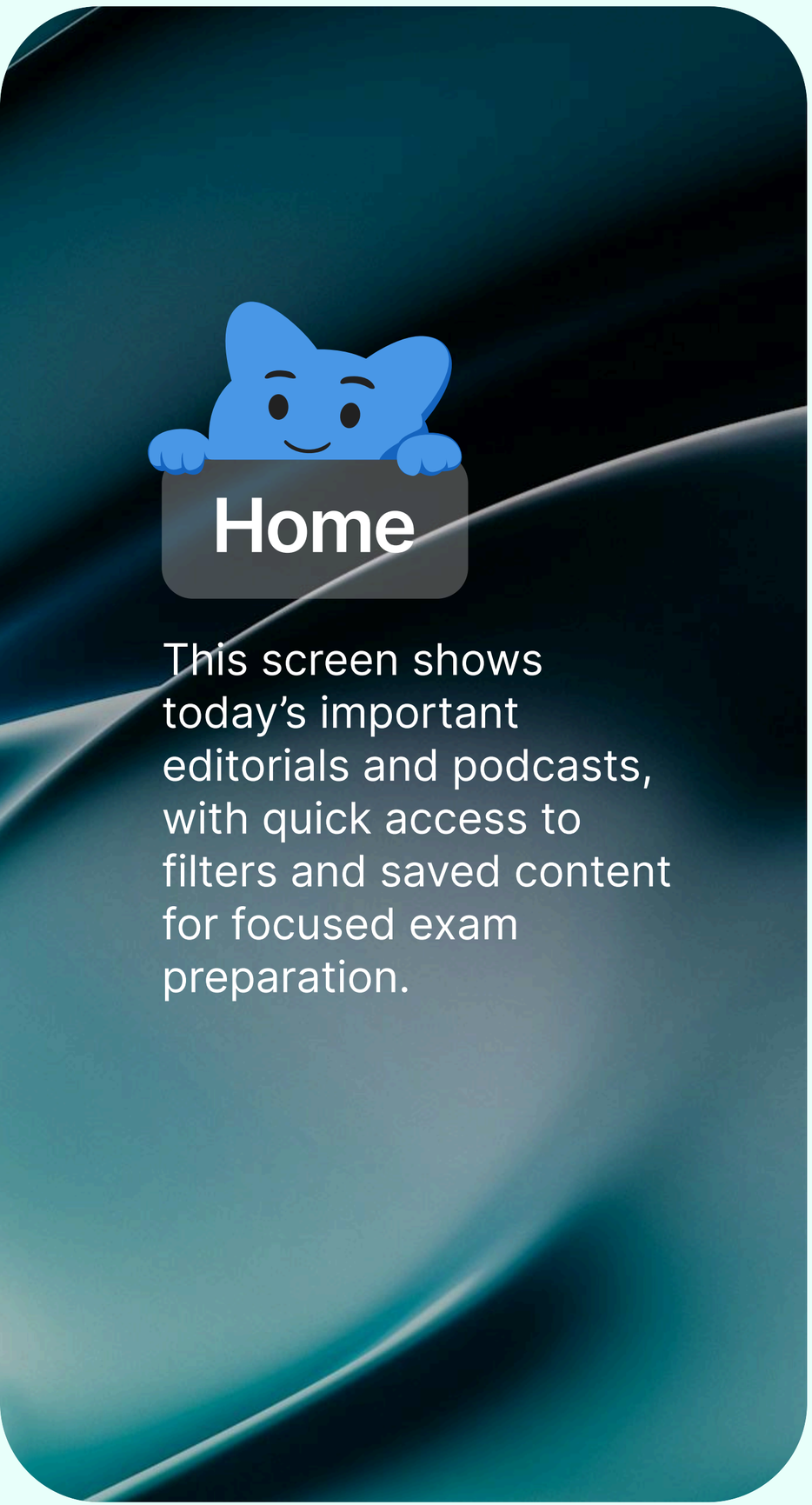
Read editorials one at a time. Swipe left or right to move to the next or previous editorial.







Reading time!



Reducing Decision Fatigue

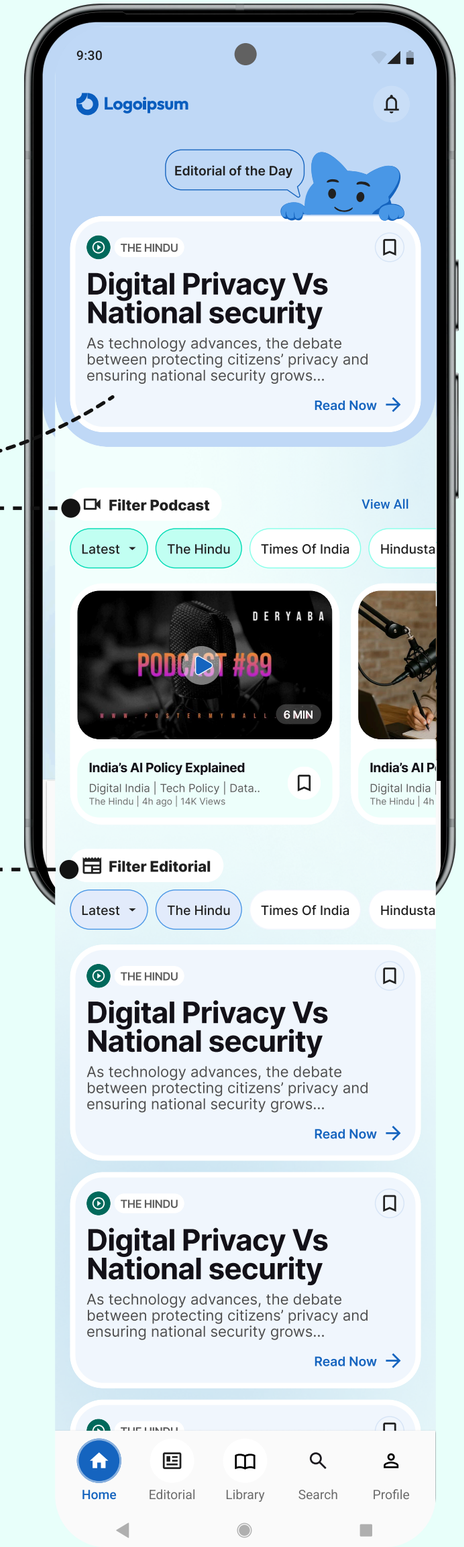
Placing “Editorial of the Day” so users don’t have to decide what to read first the interface makes a confident suggestion.

Matching Mental Models

Editorials (reading) and Podcasts (listening) are separated because users mentally process them differently. This prevents context switching and confusion.

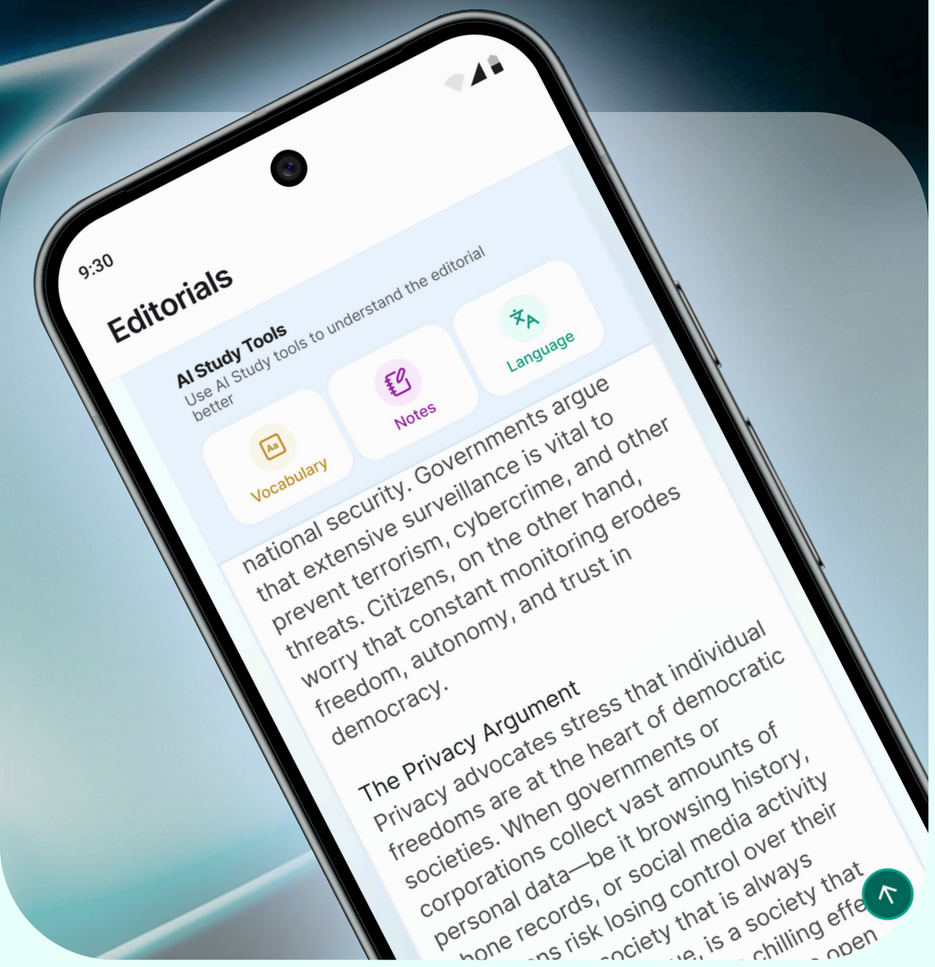
Focused Reading Environment

Editorial cards avoid excessive actions or gestures, keeping attention on the content rather than navigation.



Editorial

This screen enables user to browse editorials selected for exam-relevant topics. User swipe right to read the next editorial.

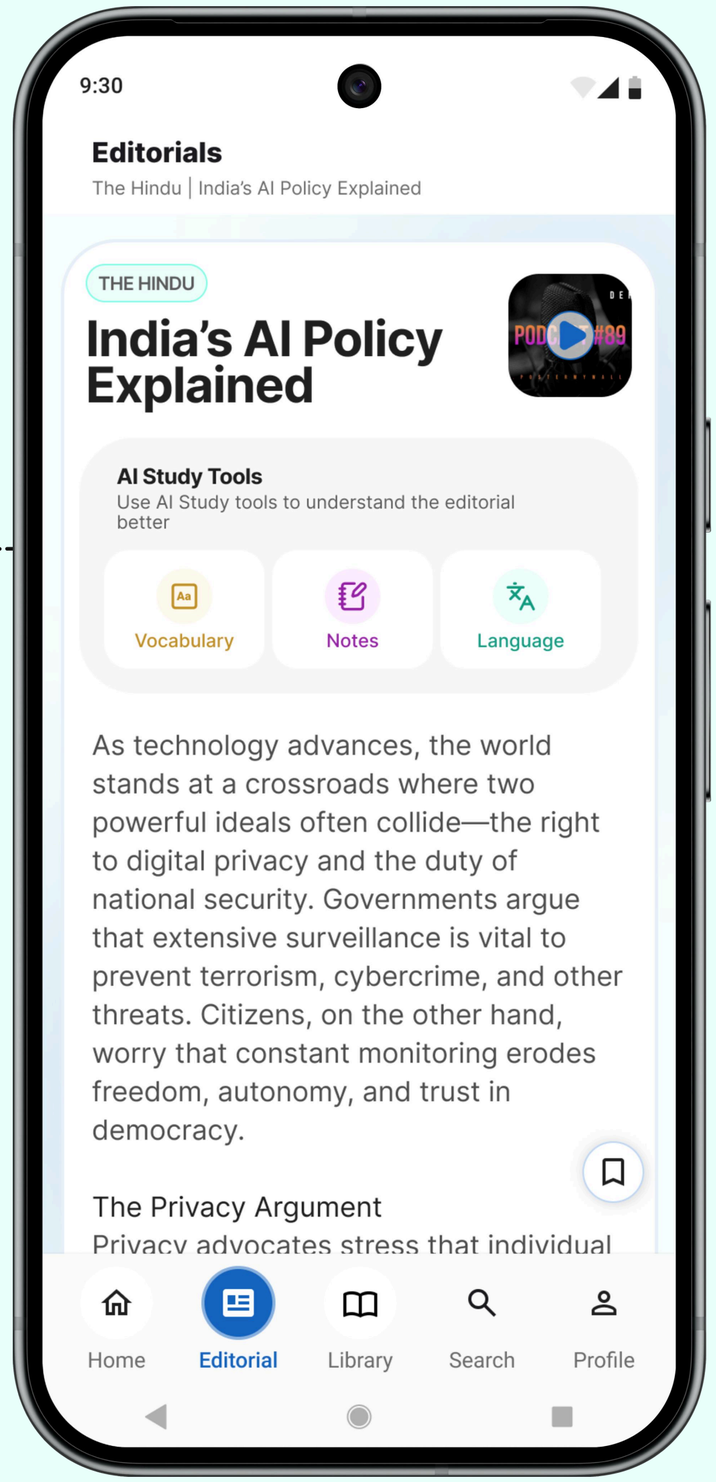


Editorial + Video Pairing

A related video is shown alongside the editorial to support dual learning modes reading for depth and video for quick understanding or revision.

AI Study Tools Inside the Reading Flow

AI study tools (Vocabulary, Notes, Language) are placed upfront so users can access support without leaving the article.



AI Study Tools

This screen enables user to browse editorials selected for exam-relevant topics. User swipe right to read the next editorial.

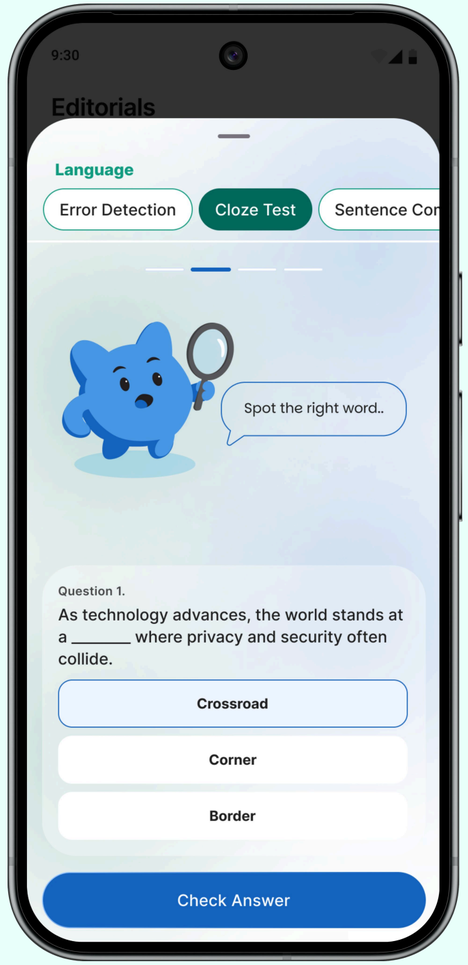
I help you understand language of editorial

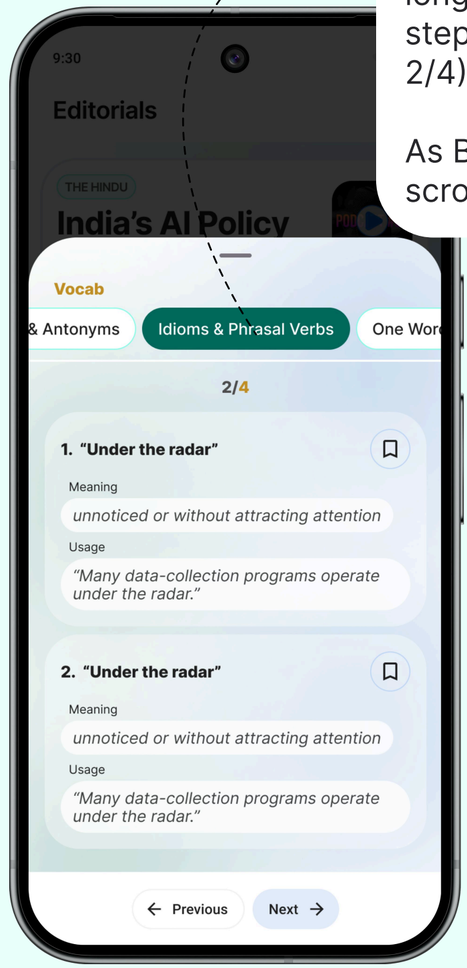
Tools Open as Bottom Sheets

AI study tools open as bottom sheets to keep users anchored to the editorial. This reinforces that these tools are helpers, not separate destinations

Contextual Learning

All tools reference the current editorial content questions, vocabulary, and notes are directly tied to what the user is reading.

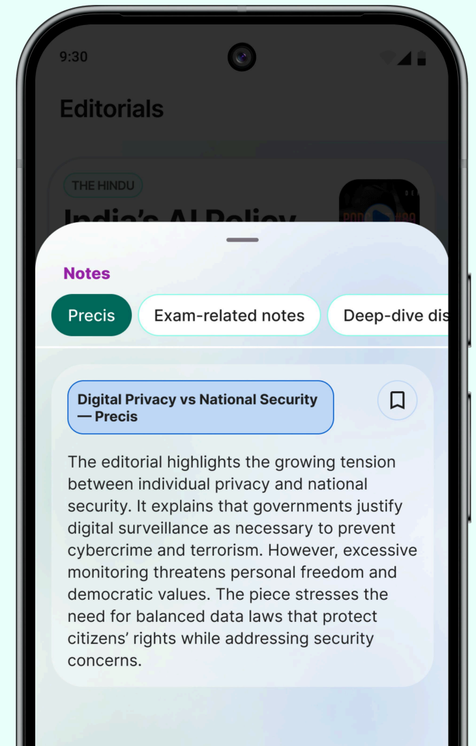




One Concept at a Time. No Scrolling!

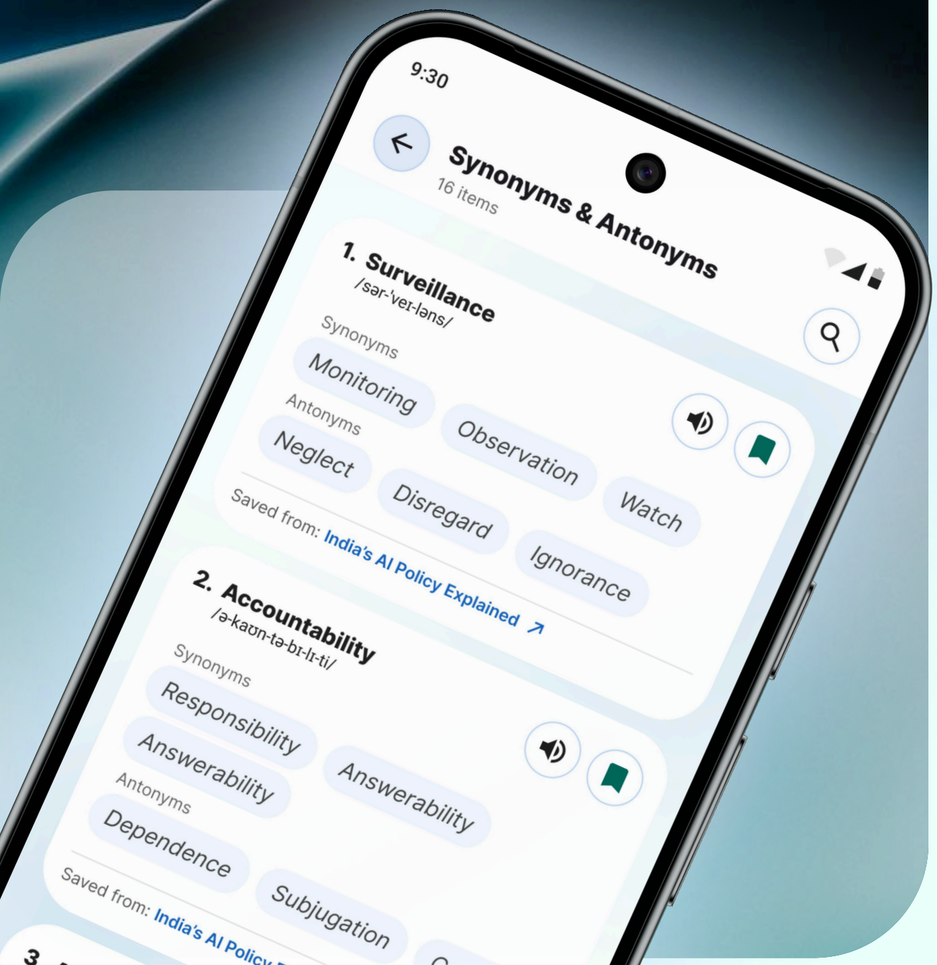
Vocabulary and language tools avoid long vertical lists. Content is revealed step-by-step using pagination (e.g., 2/4) and Next / Previous actions.

As Bottom sheets are not meant scrolling.



Library

Access all the content you've saved for revision, organized by editorials, podcasts, and study material.



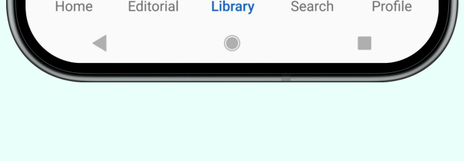
Library is treated as a low-cognitive zone

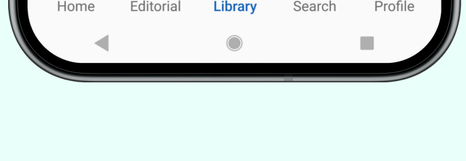
When users enter the Library, they are in retrieval mode, not exploration mode. Any extra visual stimulus increases mental effort and slows recall.

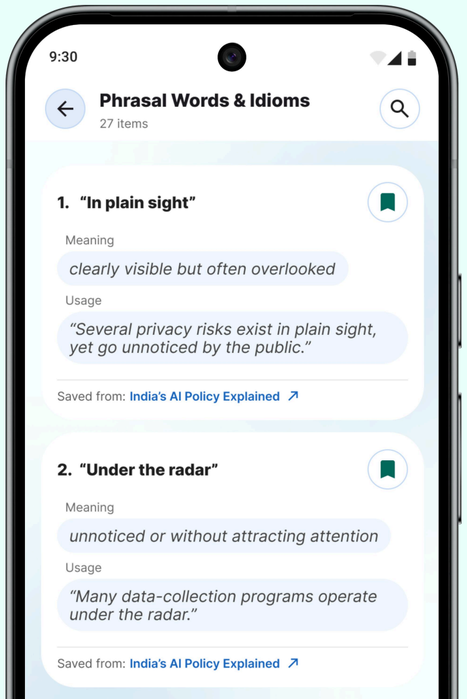
Study Material is grouped by learning intent:

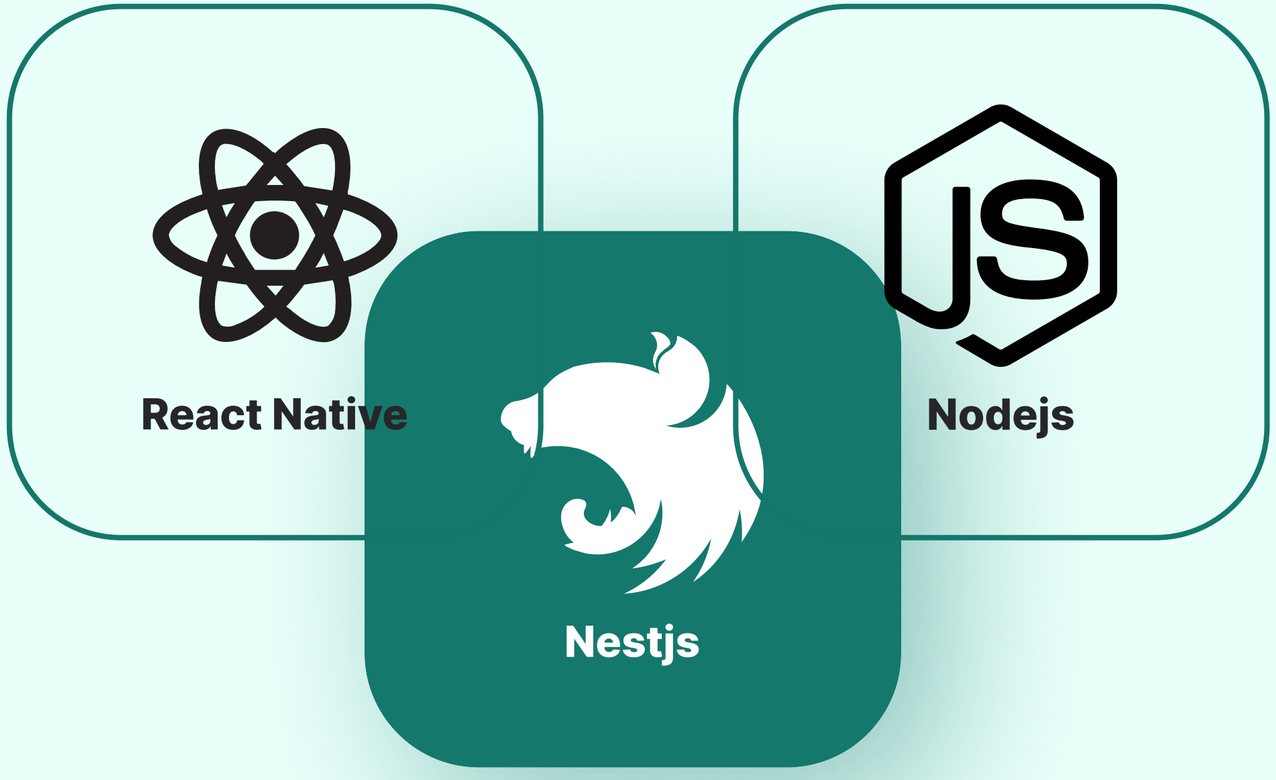
- **Language**
- **Exam-focused Notes**

Aspirants don't think in terms of "features"; they think in terms of what they want to revise.
This mapping matches their mental model and reduces decision friction.



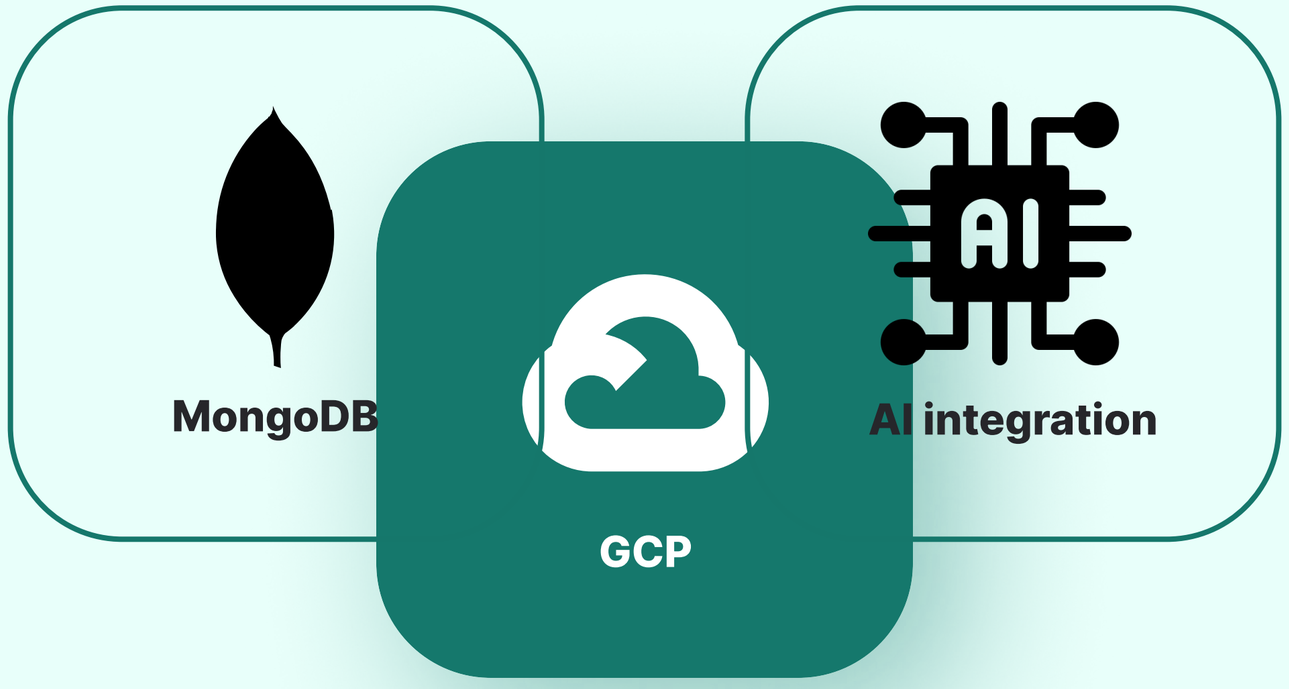






Tech Stack

The app is built using React Native, Node.js (NestJS), MongoDB, and GCP, with AI integrations to support scalable, high-performance study features.



Thanks for Scrolling!

Interested to Start a Project with us?

Schedule Free MVP Blueprint Call | Email us @ devquartersinv.aruna@rediffmail.com

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Mohali, Punjab India