OwlAI: MVP App Flow & Core Features (Team Overview Document)

Vision:

A defined AI-based tutor designed for Tier 2/3/4 students preparing for UGC NET and similar Government exams - credible, contextual, and habit-forming.

Home = Chatbot Interface ("Your Study Buddy/Ask your OWL")

Primary Purpose:

Enable students to instantly ask doubts, explore theories, and practice questions within a friendly, low-barrier experience.

Key Features:

- Open-text question input (doubts, definitions, etc.)
- Suggested prompts: "Explain Theory", "Give Example", "Test Me"
- Topic-wise dropdown for easy subject navigation
- Hinglish support (UI/UX)
- Voice input (for accessibility)

Habit Formation:

- Recap of previous session: "Last time, you asked about Learning Theories"
- Daily streaks and micro-recognition

Library = Smart History

Purpose:

Replaces raw chat logs with structured academic insights. Helps learners revisit, reflect, and revise.

Structure:

- Auto-organized by subject > unit > concept
- Time-map of study activity (calendar view)

- Flags confusing or frequently repeated questions
- Auto-generated glossary of definitions asked by the user
- Visual progress indicator: "Unit 1: 90% done"

Tier 2/3 Friendly:

- Simplified summaries
- Visual study calendar instead of timestamp logs

Projects = Student's Personal Study Collection

Use Cases:

- Save tough questions or useful summaries
- Create custom topic-wise folders ("Theories in Education")
- Build mini test series from saved questions
- Add personal notes or external resources

Smart Features:

- Suggest similar projects from peer learners
- Enable sharing with mentors or teachers (later stage)

Discover = Doubt Trends & Social Learning Layer

Goal:

Make the student feel they're part of a larger learning ecosystem. Tap into curiosity and social proof.

Content Feed:

- "Top 10 doubts in Education this week"
- "Most confusing theories from Unit 3"
- "Live: Students asking about NEP 2020"
- Hinglish question captions with emojis

Algo Logic (Future Phase):

- Based on user profile, subject activity, saved content
- "Since you asked about Bruner's theory, others asked this..."

Additional Smart Layers to Add:

Feature	Purpose
Voice-based input/output	Comfort for non-typing students
Revision Nudges	Push reminders based on weak or repeated topics
Emotional reinforcement	"OwlAI says: Proud of you!" for confidence
Offline-lite content mode	Helps students with data constraints
Gamified Retests	Re-attempt saved questions for badges & recall
Guided Path Challenges	e.g., "5 topics in 5 days" feature

Summary:

We are building a **purpose-first** AI assistant for learners who:

- Don't need more features, but **more clarity**
- Don't want overwhelming apps, but **structured support**
- Don't have fancy tools, but **deep motivation**

The 4 core tabs (Home, Library, Projects, Discover) replicate a **real learning journey** rather than a tech product.

Note:
This wireframe has been AI-generated and is intended purely as a **visual reference** to communicate the **initial layout and module structure**.
The final UI will be significantly more **engaging, simplified, and student-friendly**, keeping in mind the needs of Tier 2/3 learners.
We're exploring the use of **Owl doodles, interactive elements, and minimal friction interfaces**.
All modules shown here are part of the **first functional draft** and will be iterated further based on testing, feedback, and design inputs in upcoming phases.

OwlAI: MVP App Flow & Core Features

Home

Ask any doubt...

Select unit or topic

Explain Theory

Give Example

Recent activity recap

Last time you asked about Learning Theor

Home

Library

Topics Covered

| Unit 1 | Done > |
| Unit 2 | 45% |

Time Map

Revisit these

| Define education? | Apr. 6 |
| Explain constructivism? | 12 |

Personal Glossary

| Curriculum | Pedagogy |
| Metagogy | Meta |

Projects

Projects

Tough Questions
Save questions'
you found toug

My PYQs
Previous Year
Questions

Learning Theories Notes
Add summaries.
links, screenschots

Projects

Discover

Trending

Top 10 doubts in
Educution this week

Most confusing theories in Unit 3

Real-time:
Students currently
asking about NEP 20

Discover