

TEAM
NEXORA

Luminara

An AI-Powered Study Companion

A brighter future begins with clearer learning.



Problem Statement

Students juggle notes, planners, timers, and tests across multiple apps. This causes distraction, poor planning, and ineffective studying.



Too many tools.
Zero focus.

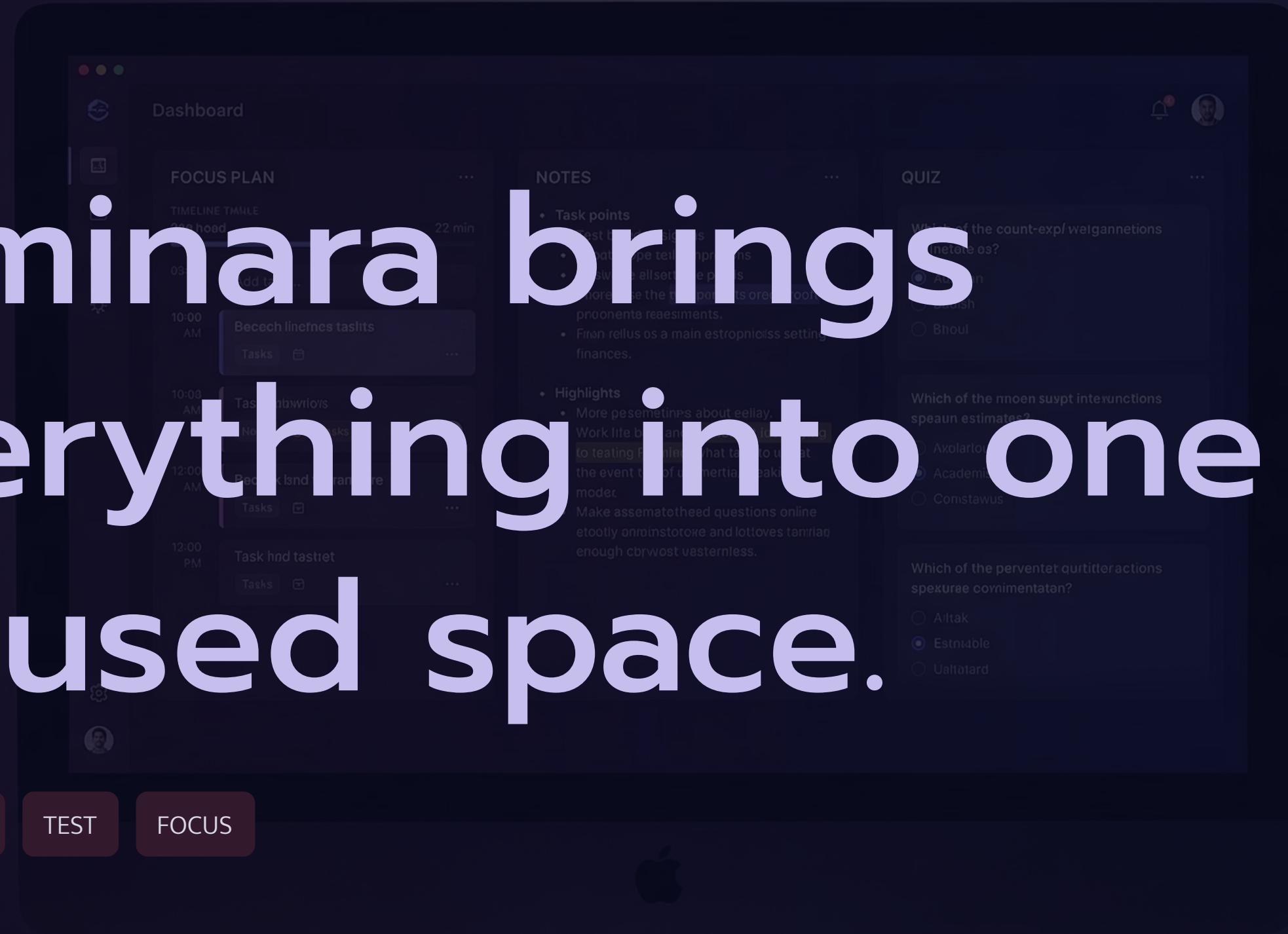
Luminara brings everything into one focused space.

PLAN

LEARN

TEST

FOCUS



How It Works

1 Upload syllabus or notes



2 AI generates summaries & tests

4 Planner schedules study

3 Focus mode blocks distraction

Luminara Features



All-in-One Productivity Desktop App

A unified application combining focus, planning, notes, and self-assessment tools into one seamless workspace.



Focus Timer (Pomodoro-Style)

An animated circular timer with presets (25/30/55/60 min) and manual input for customizable focus sessions, complete with start/reset controls.



Stopwatch Module

High-precision time tracking with start, lap, and reset functionalities, perfect for monitoring practice sessions and timed activities.



Alarm Management System

A simple and intuitive interface to easily add, manage, and view alarms, featuring a clear empty-state UI for new users.



Modular Focus Dashboard

Effortlessly switch between timer, stopwatch, and alarm modules with active tab highlighting, providing a centralized control panel.



Notes Module

A dedicated section for creating and organizing study notes, offering a clean and uncluttered layout for optimal readability and organization.

HOME TAB

DRAG/DROP IMPORT NOTES SEARCH DASHBOARD

"Your Centralized Command Center."

- Everything you need, exactly where you need it.
- Unified Dashboard: See all your active tasks at a glance.
- Quick Status: Instant visibility of current focus mode and upcoming alerts.
- Seamless Navigation: One-click access to every productivity tool.

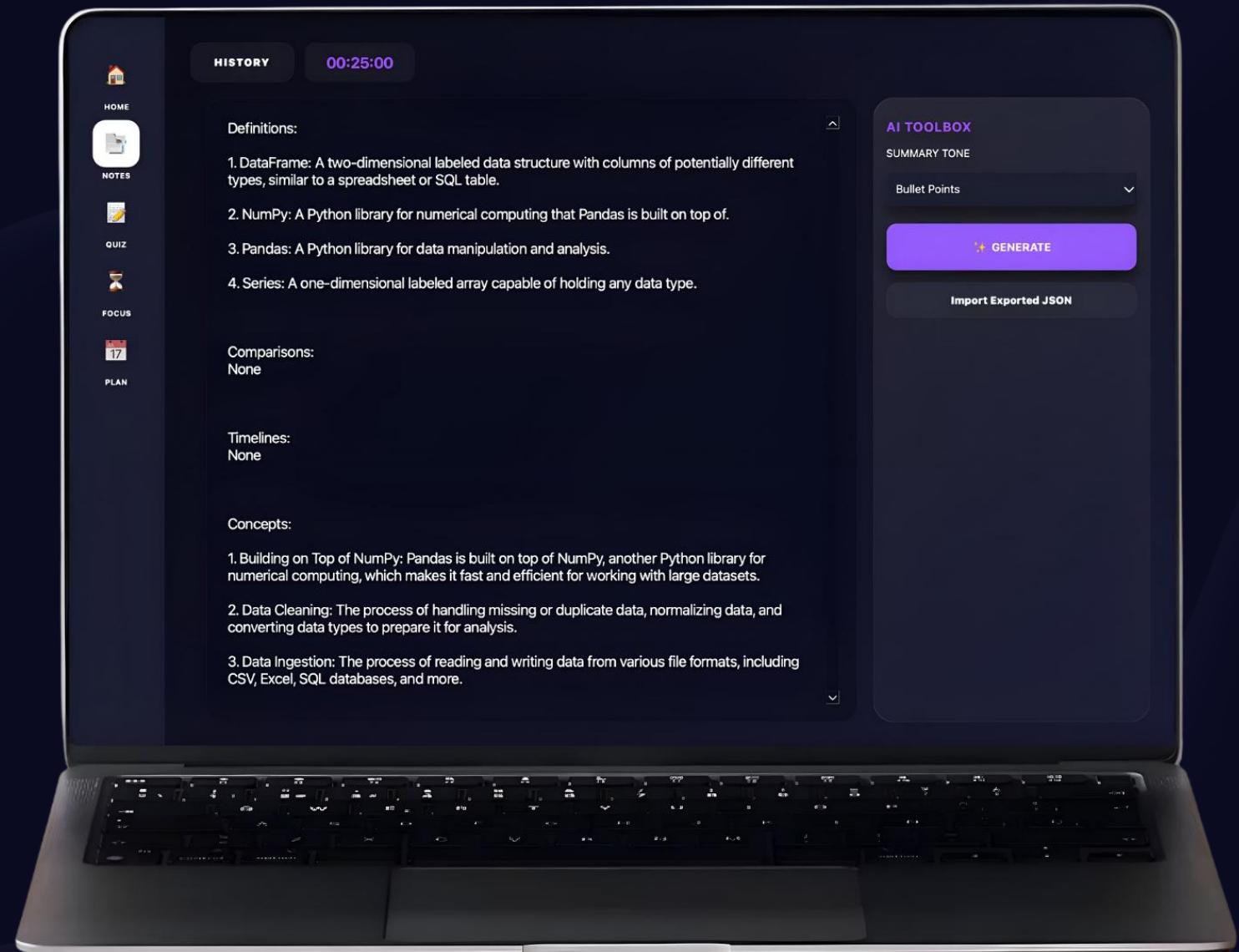


CHEATSHEET GENERATOR

LEARN SUMMARY DEFINITIONS COMPARISONS

"Turn Chaos into Clarity."

- Transform massive PDFs and notes into structured study guides instantly.
- PDF Processor: Upload course materials and textbooks directly.
- Smart Extraction: Automatically pulls key concepts and definitions.
- Instant Summaries: Generates concise, readable cheat sheets in seconds.



QUIZ GENERATOR

TEST

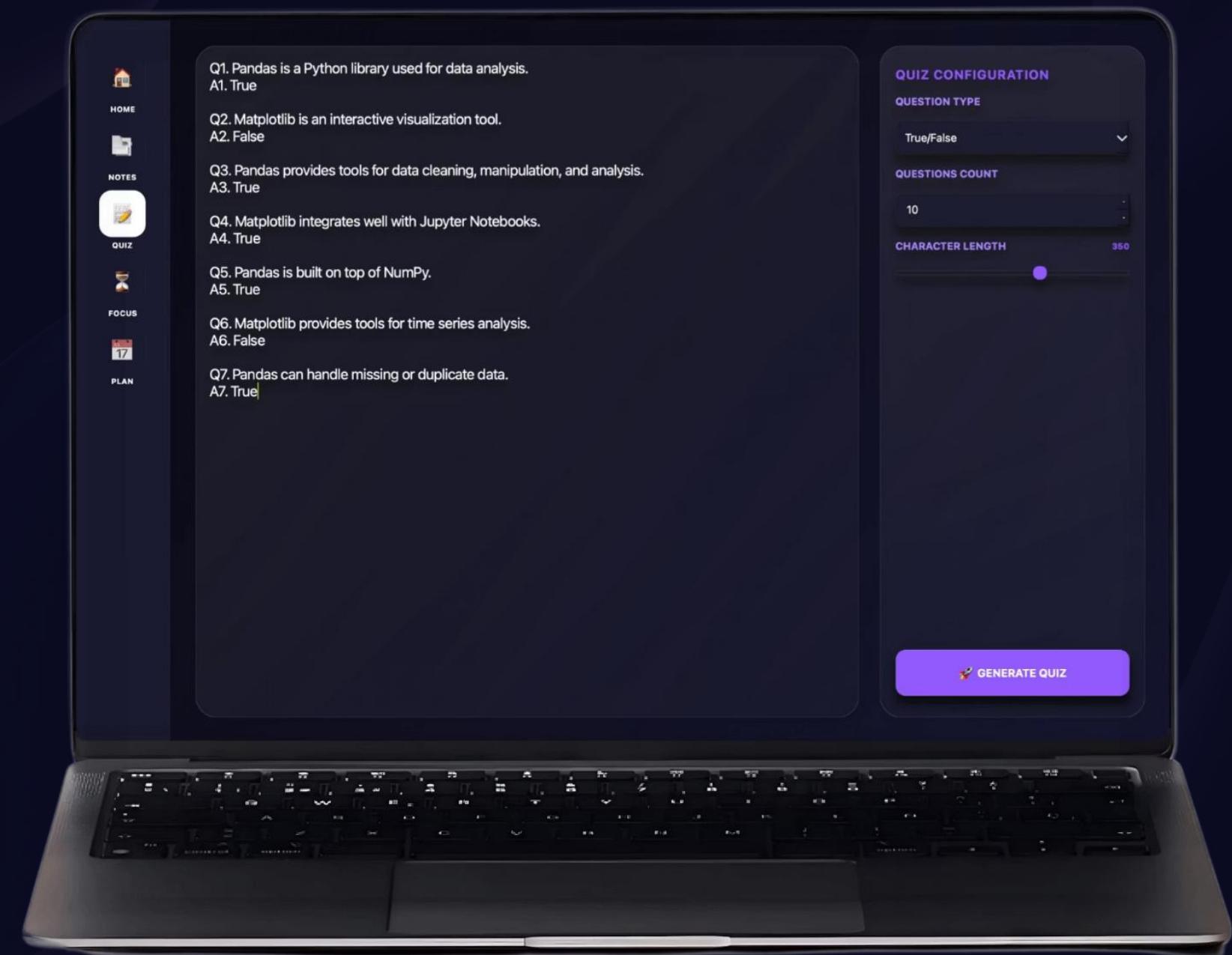
BRIEF Q/A

MCQS

TRUE/FALSE

"Test Your Limits."

- Generate AI-powered assessments to master any subject through active recall.
- AI Question Generation: Create unique quizzes from your uploaded notes.
- Self-Assessment: Instant feedback to identify knowledge gaps.
- Dynamic Formats: Supports multiple question types for comprehensive practice.



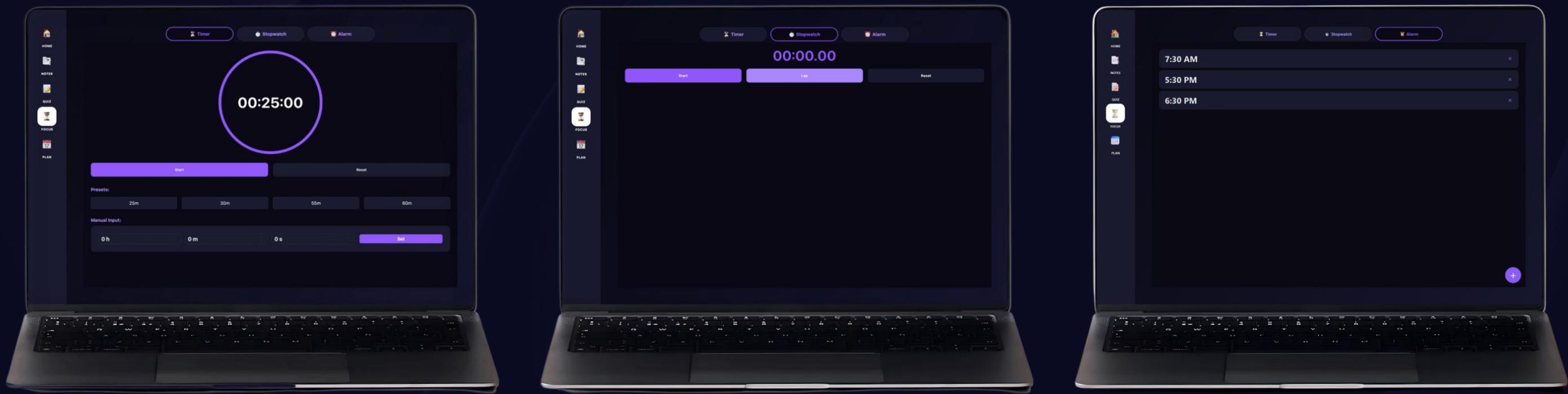
FOCUS ZONE

FOCUS

POMODORO

STOPWATCH

ALARM

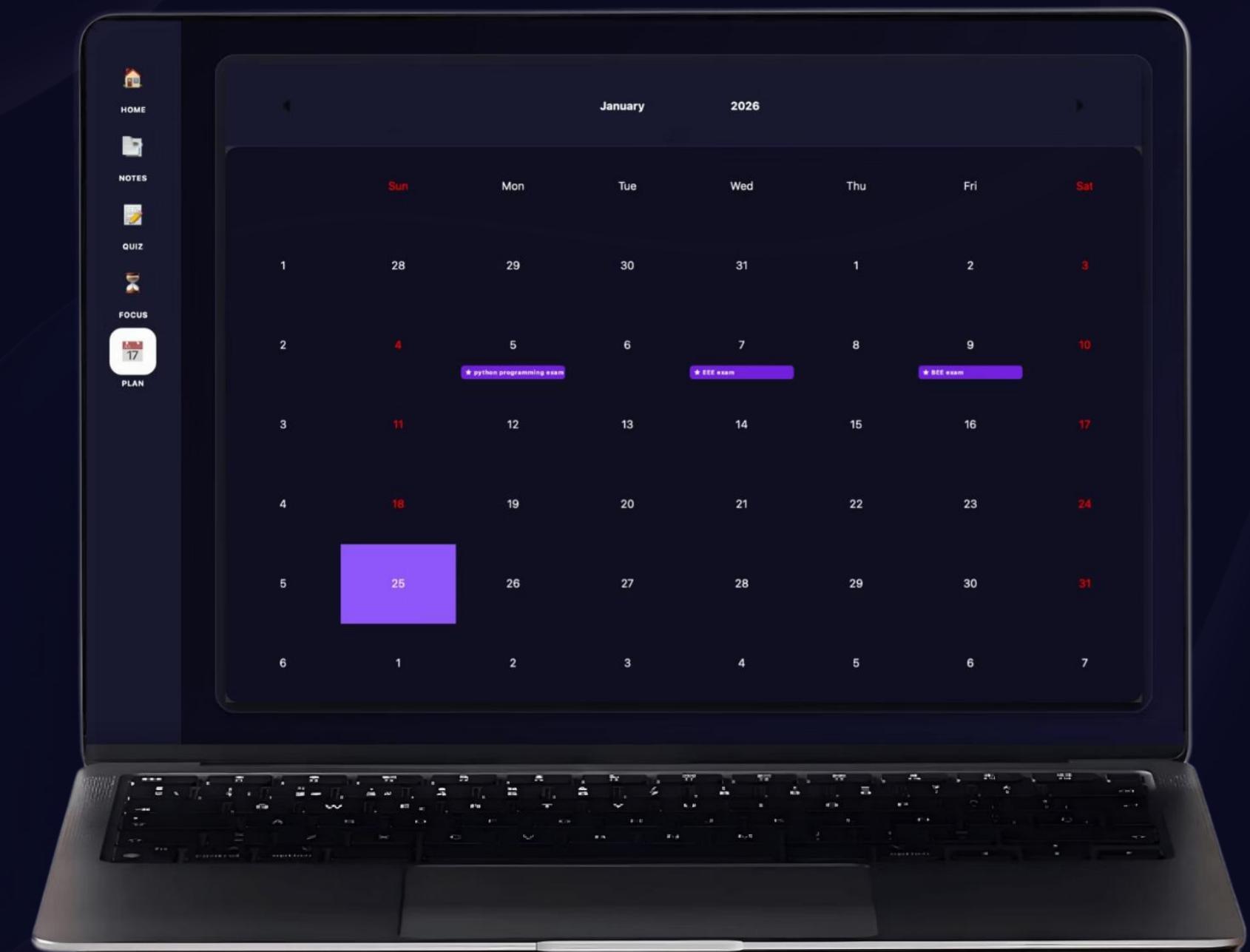


SMART CALENDAR

PLAN DEADLINES SCHEDULE REMINDERS

"Master Your Schedule."

- Visualize deadlines and plan your victory with the integrated study planner.
- Visual Planner: Drag-and-drop interface for study schedules.
- Deadline Tracker: Never miss an assignment or exam date.
- Task Organization: Keep your academic life structured and stress-free.



Tech Stack



Frontend

PyQt6



Local AI

LLaMA 3.1 - 8B



Storage

JSON



Backend

PyMuPDF, tqdm

Designed for students. Built for clarity. Scales beyond the hackathon.



Students



Self-learners



Competitive exam prep

Future Scope



Adaptive learning paths



Performance analytics



Desktop app



API-based AI framework

Meet the Team NEXORA

Behind the innovation of Luminara are the minds dedicated to enhancing your learning journey. Our diverse team combines expertise in AI, software development, and user experience to build a smarter way to study.



Shlok Dalsania

AI Architect, Demo Video
Editor & Lead Developer



Vishva Pambhar

UI/UX Designer, Core
Mechanics Developer &
Crafted Presentation PPT



Jashn Joshi

Focus Zone Mechanics &
UI/UX Developer

View on GitHub

Open source innovation. Explore the complete codebase and see how we built Luminara.

<https://github.com/shlok377/luminara>

Thank You!

"Simplify. Focus. Achieve. That's Luminara."