

## Project Overview: (תוכנית כללית - Project Overview)

/src - All source code.

/components - Reusable Components

/Screens -

/navigation - Nav configuration.

/assets - Images, fonts and other static assets.

/Services - API and backend

/Store - State management and config.

/utils - utility functions and helpers.

/public - Static files for the web.

/ios, /android - platform specific code.

/tests - Test cases.

/App.js - Entry Point.

## Environment Setup:

- Node.js and npm/yarn.

- React Native CLI / Expo.

- Xcode - for ios development.

- Android Studio -

- Figma.

כלי עבודה ופיתוח (Tools & Development)

## Sign in Page:

- Firebase authentication. (אבטחה - Firebase Authentication)

## Home Page Design:

- (תוכנית עיצוב - Design Plan)
- Dynamic buttons - State management system like Redux / Context API to track Button usage, adjust size and order based on usage frequency.
  - (UI) - Navigation - Navigation bar with links to Courses, Messages, Profile and Settings.

## Course management:

(פונקציות) Cours pages: Each course has its own page with Sections - AI tools, uploaded material and course specific note book.

(תוכנית) Note book: Digital notebook for note taking sharing and Collaborations.

(תוכנית) Messaging System: - Interface for sending and receiving messages.

- Firebase Firestore for real time communication.

- Implement push notifications for messages and updates.

UI/UX

Upload functionality: - Upload course material.

- Cloud storage solutions like AWS S3 or Firebase storage.
- Features for organizing and accessing uploaded materials.

Figma: - Wireframes - outline structure and user flow of each screen.

- High fidelity designs - Ensure responsiveness (IOS and Android).

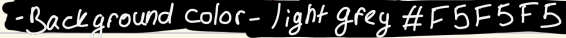
- Interactive prototypes to demonstrate navigation and interactions.

Figma Components: - Design reusable components, maintain in Component library.

Figma Color palette: - Primary color - moderate blue #4A90E2. 

- Secondary Color - medium Aquamarine #50E3C2 

- Accent Color - Strong red #D0021B 

- Background color - light grey #F5F5F5 

- Text color - dark gray #4A4A4A

Fonts: - Primary font - "Open Sans"

- Font weight - 300, 400, 600, 700

Design Implementation:

- Component Development.

- State Management - Context API / Redux

- API Integration - Authentication, file storage, messaging.

- Axios / Fetch API for data sharing.

- Testing - unit tests

- Test interactions between components with backend.

- Conduct user testing to gather feedback.