



# NoteMind AI App

✍️ [SynthNote App Description](#)

✍️ [NoteMind AI App](#)

## Team Members:

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## Next meeting:

## Currently working:

## Future Plans:

- Create Admin role for app
- Profile Management
- Send email notification/sharing using Nodemailer
- Integration of AI features inside Note editor itself
- ??? Swagger API Documentation

The screenshot shows a GitHub repository page for 'kzefram/Simple-Notes'. The repository has 1 contributor, 0 issues, 0 stars, and 0 forks. It includes a link to the repository's URL: <https://github.com/kzefram/Simple-Notes>. There is also a small profile picture of a woman.

### Project Requirements

### Implementation suggestion

### Novel Ideas for Project

## Karen's Folder

## Features

- **User Authentication:** Secure signup, login, and profile management. ← Arnaldo
- authentication: express-session and cookies ← Arnaldo
- **Interactive Web Interface:** ← Karen
- **Note Dashboard:** ← Karen
- **Note Management:** Create, edit, delete, and categorize notes with rich text formatting. ← Arnaldo
- **Collaborative Editing:** Share and collaborate on notes with other users. ← Ike
- **AI-Powered Summarization:** Get concise, accurate summaries of lengthy notes. ← Arnaldo

- **AI-Powered Item Extraction:** Automatically convert action points in notes into tasks. ← Arnaldo
  - **AI-Powered Text-to-Speech Note:** Share notes and provide conversion to audio. ← Arnaldo
  - **Search and Filter:** Easily find notes with robust search and filter capabilities. ← Ike, Arnaldo
  - **API Documentation Generator:** Automatically generates documentation from an OpenAPI specification and provides an interactive UI for exploring the API. ← Arnaldo
  - **App Functionality Documentation:** Mermaid is a JavaScript library that allows you to create diagrams and flowcharts using a simple text-based syntax. ← Arnaldo
-  [Auth & Dashboard](#)
-  [User Login & Signup](#)

## Technologies Used

- **Backend:** Node.js, Express.js ← Ike
- **Backend:** ESJ (Embedded JavaScript) for smooth interactions ← Ike
- **FETCH:** for features like form submissions without page reloads (using FETCH) and dynamic content updates. ← Arnaldo
- **Share note link:** Implement share notes with Nodemailer. ← Arnaldo
- **Database:** MySQL, Sequelize ORM, use bcrypt to hash pass in DB ← Arnaldo
- **Authentication:** express-session, cookies ← Arnaldo
- **AI Services:** OpenAI's GPT-3-turbo for summarize, explain, sentiment, writing, action-item and classify ← Arnaldo
- **AI Text-to-Speech:** Speech Intellect for Speech synthesis technology ← Arnaldo
- **Rich Text Editor:** Quill API Driven Rich Text Editor ← Karen

- **Deployment:** Heroku
- **API Docs Generation:** Swagger UI ← Arnaldo
- **Diagram Generation:** Mermaid ← Arnaldo

```
.env
DB_NAME='note_taking_app_db'
DB_USER='bootcamp-user'
DB_PASSWORD='L3t M3 In'
DB_HOST='localhost'
PORT=3000
JWT_SECRET=hG7&^Gt$3g^7
JWT_EXPIRES_IN=1
SECRET_KEY=D887@f1oS3
OPENAI_API_KEY=sk-vIbiPCuJK4tUi5yQ3Wz0T3BlbkFJoSB4paKL6W1AG19SHI
```

 [Test Routes for CRUD methods](#)

 [Implement AJAX for asynchronous request](#)

 [Alternative names for App](#)

 [Alternative technologies - future](#)

 [Project Flow](#)