

# GEMINI.md

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## Project Overview

This is a Next.js web application called "Quiz Forum". It allows users to create, take, and manage quizzes. The application uses NextAuth.js for authentication and Prisma for database access with a PostgreSQL database. The frontend is built with React, TypeScript, and Tailwind CSS.

The core features of the application are:

- **User Authentication:** Users can register, login, and manage their accounts.
- **Quiz Creation:** Users can create quizzes by uploading JSON files containing questions and answers.
- **Quiz Taking:** Users can take quizzes and view their scores.
- **Quiz Management:** Users can save their quizzes and view their past attempts.
- **Admin Functionality:** There are admin-specific routes for analytics, exporting data, and managing published tests.

## Building and Running

### Prerequisites

- Node.js
- pnpm
- PostgreSQL

### Installation

1. Install dependencies:

```
pnpm install
```

2. Set up the database:

- Create a PostgreSQL database.
- Create a `.env` file in the root of the project and add the `DATABASE_URL`:

```
DATABASE_URL="postgresql://USER:PASSWORD@HOST:PORT/DATABASE"
```

3. Run database migrations:

```
pnpm prisma migrate dev
```

### Building the application

```
pnpm build
```

Dont bother running the app. when you are done ask me to test it

## Development Conventions

- **Code Style:** The project uses ESLint and Prettier for code formatting and linting.
- **Type Checking:** The project uses TypeScript for static type checking.
- **Database:** The project uses Prisma as the ORM for interacting with the PostgreSQL database.
- **Authentication:** The project uses NextAuth.js for authentication.
- **UI:** The project uses Tailwind CSS for styling and shadcn/ui for UI components.