

NAT Exam Mockup Web App

This project is a web application built with Streamlit to provide mock exams for users preparing for the National Aptitude Test (NAT). The app allows users to take practice tests by accessing questions stored in a database.

Progress

1. Web App Development with Streamlit

- The application has been set up using **Streamlit** to create an interactive interface for users to take mock exams.
- The basic frontend of the app is ready, including:
 - User login and signup functionality integrated with the database.
 - Displaying a set of questions to the user.
 - Providing answer options for each question.
 - Collecting user responses and showing the result at the end of the exam.
- Future updates to the frontend will be made based on the integration with the backend.

2. Database Setup:

- The questions for the mock exams are stored in a database named "**beta.db**".
- The database contains a **questions** table that stores various details about each question for the mock exam.
- The database schema file and sample data records are provided in the repository for reference.

3. Functionality

- Users can sign up and log in to the app, with their credentials stored in the integrated database.
- Users can view the questions and select answers.
- After answering all questions, the app calculates the user's score and displays the result.

Working Members:

- BSAI23045
- BSAI23049