Student Information

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IMAD5112: Assignment 2

App Name: LearnHistoryApp

Links to GitHub and video demonstration

GitHub:

https://github.com/jarong123/learnhistoryappJaron

YouTube demonstration:

https://youtu.be/ncfQRzMRHHQ?si=WG15pP4VqltUZYBE

Overview of the App

The LearnHistoryApp is a simple quiz application developed in Android Studio. It is designed to test users' knowledge of basic history facts using a series of true or false questions. The app is easy to use and navigate and can help to retain knowledge for the user.

App Features.

1. Welcome Screen

- Displays a welcome message.

- Has a "Start Quiz" button that begins the quiz screen.

2. Quiz Screen

- Displays one history question at a time.

- Provides True and False buttons for the user to choose from.

- Gives feedback after every question: "Correct!" or "Incorrect!"

- Has a Next button to move to the next question.

- After the last one, it moves to the score screen.

3. Result Screen

- Shows the total score the user achieved out of 5.

- Shows feedback based on their score:

- "Great job!" for 3 or more correct. "Keep practising!" for less than 3 that they achieved.

- Has a Review button that shows all the questions and correct answers.

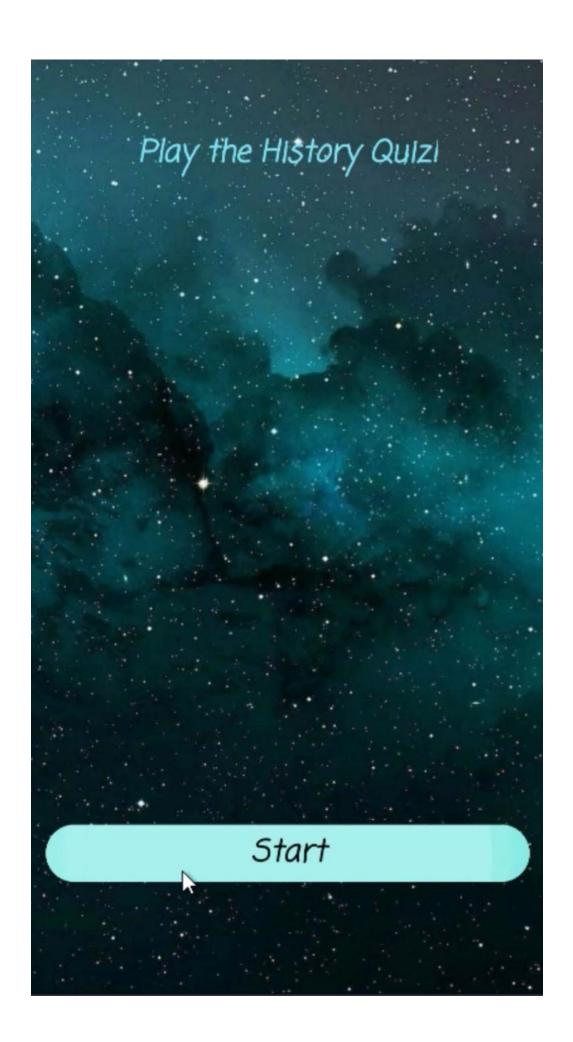- Has an Exit button that closes the app.

How does it work.

1. App starts on MainActivity with a welcome message.

2. Clicking "Start Quiz" opens QuizActivity, where users answer five true/false questions.

3. After answering all questions, it goes to ResultActivity showing the final score.

GitHub

GitHub is a platform used for version control and collaboration.

- It helps developers save and track changes in their code over time.

- Teams can work together by sharing code in repositories.

- It allows backing up projects and returning to older versions if needed.

- GitHub also helps show your work to others like teachers or future employers.

Images of App screen

Play the History Quiz!

Start

History Time

South Africa's national flower is the Protea.

False

True

Next

Exit

Review

Keep practising!

You scored 2 out of 5

Exit

Review

Review Answers

1. South Africa's national flower is the Protea.
Answer: True

2. The Titanic sank in 1994.
Answer: False

3. South Africa became a democratic country in 1987.
Answer: False

4. The great wall of China was built 2000 years ago.
Answer: True

5. The Pyramids were built as tombs for pharoahs.
Answer: True

OK

You scored 2 out of 5