

Mcq Quiz

Assignment: Build a Quiz App Using Provided JSON

Overview

You're given a gist of 10 questions in API: [Question Json List](#)

Build an Android app that:

1. Launch & Load

- On launch, parse the JSON into a `List<Question>` .
- Show a brief splash or loading indicator while you prepare data.

2. Quiz Flow

- **Question Screen**
 - Display the current question (text + four options).
 - Tapping an option, reveals the right answer and user selected answer.
 - Then after 2 seconds, it immediately advances to the next question.
 - Tapping "Skip" advances **immediately** to the next question.
- **Streak Logic**
 - Track consecutive correct answers.
 - When the streak count hits 3, streak badge lights up.
 - Think creative way to engage user.
 - Any wrong answer resets the streak counter to 0.

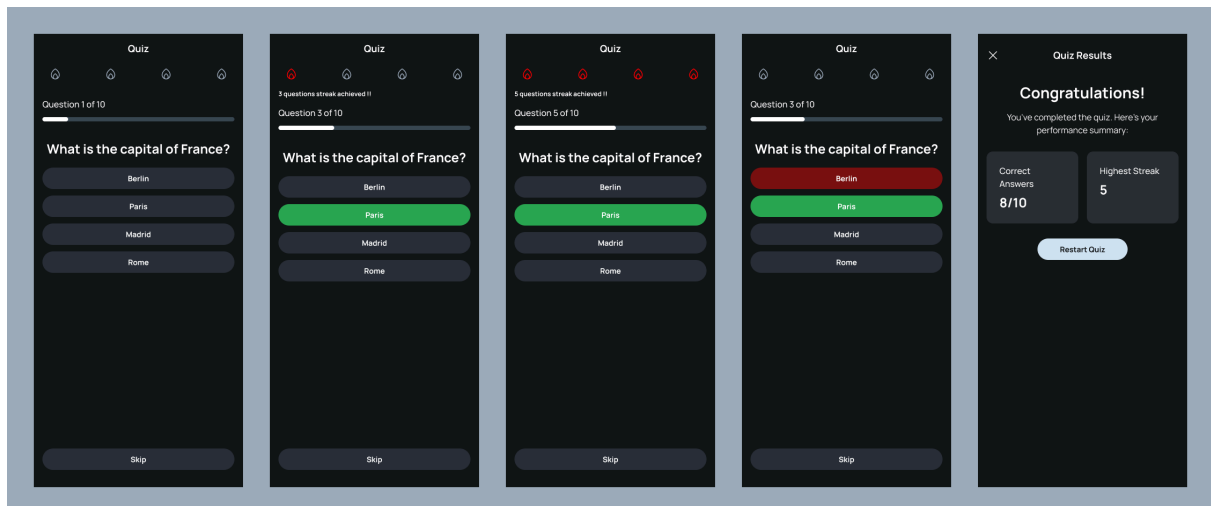
3. End of Quiz

- After the 10th question, transition to a **Results Screen** that shows:
 - Results as per design elements
 - Correct/Total
 - Optional: Skipped questions
 - Your longest streak achieved

- Options on Results Screen:
 - **Restart Quiz:** reset all counters and go back to Question 1.

Design Inspiration

The below are the inspirations. Its not important to follow the below design, any creative functional solution is acceptable.



The shared design is just a reference : Not a constraint!
Feel free to reimagine the solution and go with what you believe delivers the best user experience.

Deliverables

- **Git repo**
 - Full Android Studio running functional project
 - Readme.md : that list your implementation clearly.
- Non Functional Requirements
 - Beautify the user experience by adding **Animations, Gestures** (e.g. swipe right to navigate question during test) etc
 - Implement your solution with clear separation of UI, state, and data layers.
 - Consistent design (colors, typography, spacing).
 - Use material components and follow accessibility best practices.

What do we look for?

- **Functionality:** API Handling, question navigation, streak logic, results screen
- **Code Quality:** Architecture, readability
- **UI/UX:** Intuitive review flow, responsive layouts, delightful user experience
- **Attention to Detail:** Engaging but unobtrusive micro-interactions, complete end-to-end experience

Good luck—looking forward to the full journey from first question to final score!

If there are any doubts, feel free to share your doubts to
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