Cognize Testing Plan

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User Testing Procedure:

- As a user, can I log onto the app?
    - Go to the website cognize.dev
    - Click on the continue with Google button
    - Authenticate using a Google account (have to login with Google credentials)

- As a user, can I take a quiz after I finish the login process?
    - Click on any picture on the home screen to go to a topic that you want to take a quiz on
    - It also works on the navigation bar on the top left corner of the screen if the user wants to see descriptions along with the topics

- As a user, can I create my own quizzes and take other peoples' quizzes?
    - Go to the navigation bar on the left side of the screen
    - Click on the create quiz button
    - Specify the number of questions on the quiz, the topic of the quiz, and the description of the quiz
    - Type in the questions and answers and submit the quiz, it should show up on the homepage now, along with all the other custom user created quizzes

- As a user, can I see my profile and be able to logout of the app?
    - Click on the top right corner of the screen on the profile picture
    - You will be able to see your points and how many quizzes you have completed
    - There is a logout button on the bottom that logs the user out and takes them back to the login screen

- As a user, can I search for quizzes based on topics?
  - Simply click on the search bar on the top of the screen and type whatever subject you want to search for (ex: Biology, Math)

Dev Testing Procedure:

- As a tester, is the app visually working as intended? (Initial check to see if the feature is working)

- As a tester, can you check Firestore database collection values to see if the backend is involved?

- As a tester, if the feature is related to quizzes, can you rerun it with several other quizzes?

- As a tester, can you rerun the app 2-3 times to ensure that the feature works regardless of changes in the initial states?

- As a tester, can you check edge cases for features involving numeric/boolean values where NULL or undefined is possible?

- As a tester, can you ensure that NULL/undefined is not possible for functions that should return these values?

- As a tester, can you check the console log output for extraneous errors that may be printed?

- As a tester, can you ensure other features are behaving as expected when the currently tested feature works?

- As a tester, can you verify the state of the fire store database to ensure extraneous writes to the database values do not occur

- As a tester, can you ensure the feature works on all platforms (IOS, Android, and Web platforms) with appropriate UI functionality and scaling if applicable