Self Assessment App

Requirement

This app is about assessment of user's knowledge. Some optional questions will be asked and Result need to b shown to the User after completing the test.

App Screens-

Splash Screen - Splash screen will show a loader to user for two seconds then it will check, If user is already registered then it will open Register Screen else it will open Test Screen.

Register Screen - Register screen will have three input fields.

Name - Numeric and special character should not be in name.
Date of Birth - User with age less than 2 years and more than 100 years should not be allowed.
Mobile Number - 10 Digit valid mobile number should be allowed

All fields are mandatory.

Register Button - All details need to be save for further use and user will be navigated to Test Screen.

Test Screen - On page initialisation, there will be a check if this page is opened first time in a day then app will fetch questions from server, otherwise it will pickup questions from local storage. And Online api need to be mocked with provided JSON Data.

So after fetching these question, this screen will show one question with its answer. When user will select any answer, next question will be shown on screen. Due to negative marking, User can leave question by swiping.

There will be button on bottom to submit this test. If user click on this button then test will be submitted and user will be navigated to assessment screen.

Assessment Screen - On this page, score will be evaluated. Scoring need to be done with negative marking(33% of right answer). And final score will be shown to user.

Note- Right answer information will also be there in JSON data.