Instructions for Practical Test For React

v 0.1, 21-Jun-2021

Exam Information

Exam Title	:	React Developer Practical	Duration	:	2 days
Total Marks	:	103	Total Questions	:	7

Instructions

One should have received these instructions in the email, these are the same as that, plus a few more.

Solving Approach

1. Firstly, we will be looking at the correctness of your code. If not correct, it should be close to the correct code.
2. Alternatively, we will be looking for how you proceed to solve the problem if it's not correct.
3. If optimization is required, it will be mentioned in the question. Otherwise, solving the problem will be the priority.
4. One's code should be readable and DRY as much as possible, however, getting the solution right is the priority.
5. **Answer wisely, utilize your time at best.**
   a. One answer explains more than you think.
      i. It explains how meticulous and confident you are.
      ii. How you approach your google searches.
   b. **Some questions are meant to be answered and some are not.**
6. Bad coding practices (like - using a loop where it is not warranted) show a lack of your skill. These will harm your score.

Software Download Requirement

To answer the questions one needs to download Adobe XD. **Download ADOBE XD instructions**
1. Download adobe creative cloud app from https://www.adobe.com/creativecloud/desktop-app.html
2. Create a free account and sign in
3. Get desktop app
4. Now Install Adobe XD

Please Note

- One must complete the first 2 questions/tasks. These 2 are -
  - **Task1 - Integrate API** and
  - **Task 2 - Responsive Website**
- You may complete any 2 out of rest of the 5 tasks. But solving all 7 tasks is recommended.
- Higher the marks the more chances for one to clear this phase.

Task 1 - Integrate API	**MUST**
Task 2 - Responsive Website	
Task 3 - View Query	You may choose 2 from these 5 but we recommend you to solve all, this will increase your chances to clear the test
Task 4 - Tree View	
Task 5 - Create Components	
Task 6 - Changing Effects	
Task 7 - Prototype	

How to submit

Create a GitHub repository with an appropriate title that you think is the best. **Keep the GitHub repository public [must].**

One MUST do
- Create each feature in each branch,
- Each feature **must** be screen recorded using obs-studio
  - Audio + Screen-record is a must, the webcam is optional for this round [Don't merge two videos, export videos to at least 1080p]
    - Product Demo(Not coding) : Demonstrate that the product is well achieved and all the actions can be performed. DON'T explain code in a demonstration video. You will be disqualified.
    - Coding Walkthrough : Explain the code briefly as per your understanding. Also explain the database design where it is applicable.

  - Share video by uploading to google drive and sharing the video with **anyone link**. If the link is private then we will not be able to review the video which will result in no marks for the said question.the database design where it is applicable.