**Test exercise**

**Task:** To develop a website for searching movies and finding details about the movie. In the attached document, you’ll find 4 views (1, 2.1, 2.2, 3), an excel file having list of movies and Xd file for the prototype. If you don’t have Adobe Xd, you can visit <https://xd.adobe.com/view/58515680-d783-4262-51d2-364650e2cce6-2e60/> to see the prototype. Using that you’re required to develop a ‘responsive website’ with following requirements.

1. Signup screen: It has a form with 3 fields i.e. Full name, email address and password. You have to apply validators with given conditions:
   1. Full name: String consisting only of alphabets (without any special character or number)
   2. Email: must be in standard email format ([abc@xyz.com](mailto:abc@xyz.com))
   3. Password: Atleast 8 character long. Must have an uppercase letter and an integer

Signup button should only work once all three required conditions are met.   
  
Tip: You might want to provide visual cues to user in case of incorrect data.

1. Movie index page: Movie index page has 3 components. List of 100 movies with year, rating is provided as sample data with this document. Feel free to convert it to any format of your choice
   1. On top there is a search bar which searches the movie by its name and show it in the content space below
   2. Sort: It is to sort the movies in 3 order.
      1. By name: Alphabetically. A -> Z
      2. By year: Most recent first. (reverse chronological order)
      3. By rating: Highest rating first
   3. Movie cards: Max 9 cards are displayed with a ‘Load more’ button at the bottom. Once the ‘Load more’ is pressed, another 9 results are displayed (as in 2.2) till all results are displayed

Hint: you can use ‘pagination’

1. Detail page: This page has a carousel on the top with featured movie cards {Provided in excel document with isFeatured = true} Design of cards is same as Movie index page. Below that, a card for selected movie is displayed.

Anything in addition to these requirements is always appreciated. Feel free to show your skills and creativity.

Once you’re done, you can deploy the project on any service of your choice. Else you can provide us the source code in .zip file or GitHub link. Your code will be evaluated on following parameters:

·         Approach to solve the problem

·         Quality and scalability of your code

·         Best practices like comments, proper naming convention, etc.

For this exercise, you’re provided a period of 14 days.

We hope you enjoy working on this challenge and give your best input.