



About 5D Solutions:

We engineer impactful digital experiences and software solutions on Mobile and Cloud platforms.

For over a decade, our team of experts has been at the core of developing software solutions for renowned brands globally. From Fortune 500 companies to innovative start-ups, our teammates have ideated and delivered applications that drive their business processes worldwide. We are committed to creating effective digital experiences that simplify lives.

If you are a passionate individual and are looking forward to being a key contributor to some of the most interesting and challenging tech-initiatives, you are at the right place. Join our team of innovators and let's work together to solve some of the most complex problems, with leading-edge technologies.

Machine Test Assignment for MEAN / MERN Developer

Problem Statement:

Need to design and develop a Web application using technology stack Angular 6/7 or React Js. – for frontend and designed API using Express framework and upload on the GitHub repository and to be shared with the HR Team.

Design Mock-up:

https://www.figma.com/file/GOVByqDI83lZC8bcfYhu2o/test_mockup?node-id=0%3A1

List of Screens:

1. Sign In Screen
2. Sign Up Screen
3. Add New Moments/images
4. List Moments/images
5. Update Moment/images
6. Delete Moment /images
7. Logout Options

- You shall design provided the mock-up using angular bootstrap / angular material framework.
- You should create all the APIs using Node-Express/Hapi/Restify/Lookback, which is needed to achieve the above functionalities.



Time: Need to finish in 2 days.

The workflow of the Solution:

1. Users will Sign up first by using Email, Password, Full Name, city.
2. Post Sign up, the user will redirect to the Login screen.
3. Once the user is logged in successfully, will redirect to the Add New Moment screen where the user can able to add the below details :
 - Image for Specific Moment (Image should be uploaded on AWS S3/local server) (Only Image Files can be uploaded)
 - Comment with a text area of having a limit of 100 characters.
 - Tags input field (Where user can able add Tags)
 - User id, Timestamp recorded automatically in the backend at the time of insertion of any moment.
4. Post adding a new Moment, the user will redirect to the List of Moments screen.
5. Maintain session between login and logout.

Assumptions:

1. Add loader and dialogue/confirmation box wherever required.
2. All form field data should be validated before sending to API.
3. While performing sign-in of users, follow best practices to maintain the session.
4. Code should be easy to understand and maintainable.
5. Push the code on Git repo with build Moments.
6. If you are unable to get through any of the above requirements or have some other issues or have any new Idea about the implementation of requirements, please connect to the concerned HR Team.

Expected Output:

1. The design should be converted using Angular Bootstrap / Angular material with 50% of the work.
2. All the API's should be working and implemented successfully.
3. Add authorization to database
4. The design should be responsive in all the devices