Machine Coding Round Four

Forum App

Your challenge is to build a simple forum app UI containing the below features using React JS.

Instructions:

1. Create this application using React JS Hooks.
2. You have to make the UI as shown in the image in the question below. You can use plain CSS or any CSS library you want.
3. You have been provided the JSON data below for this question.
4. This is a frontend assignment. No backend involved.
5. You have to host your site live and submit the live link along with Github link of your code or you can choose to code on CodeSandbox and submit the CodeSandbox link.
6. You have to complete the below mentioned features and make your submission here on LMS in 3.5 hrs.
7. You can use google for your coding errors and queries.

App Features:

1. User Feed

   a. Create a landing page with a list of user posts/questions.

2. Sidebar

   a. Show a left sidebar with "Home", "Explore", "Bookmarks" and "Profile" options. The items are not clickable for this question.

3. Upvote-Downvote

   a. Clicking on the "Upvote button" will increase the upvote count of the post.

   b. Clicking on the "Downvote button" will decrease the upvote count of the post.

c. If the downvotes are more than upvotes, the votes count should be in negative.

4. Post/Question Options

   a. Show tags associated with each post in the form of pills.

   b. Show a "Comment", "Share" and "Bookmark" icon for each post.

   c. On clicking the Bookmarks icon, the color of the icon should change, indicating that the post is bookmarked.
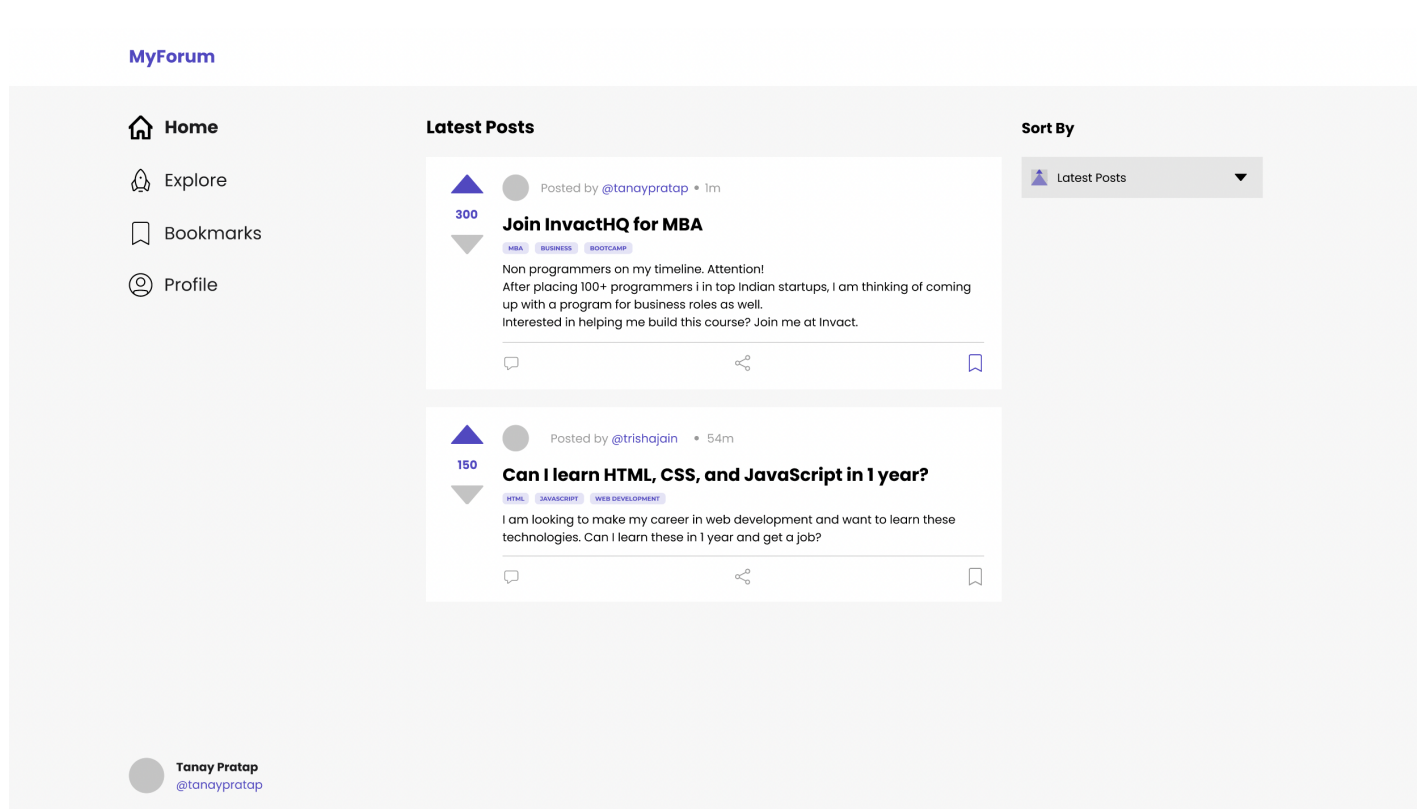
   d. On clicking the Comments icon, that post should open in a separate page with the comments view expanded.

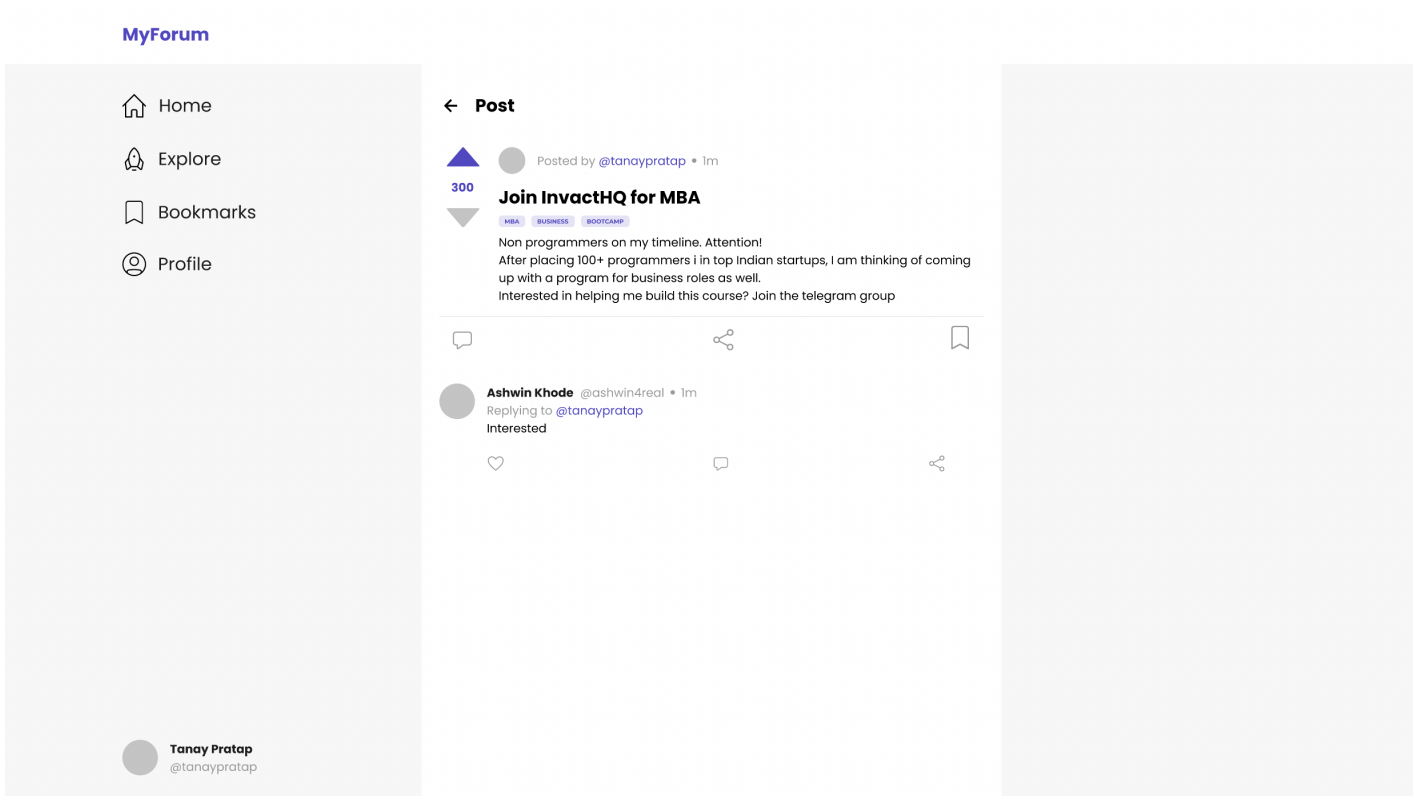   e. For this question, the share icon should not be clickable.

5. Sort

   a. Create feature to sort the post by the date created(latest on top) and most upvoted post.

Forum App View:

Single Post View:

JSON Data:

```
const forumData = {
  accountId: '98767-888-78767',
  username: 'tanaypratap',
  name: 'Tanay Pratap',
  picUrl: 'http://bit.ly/42Zm7tM',
  posts: [
    {
      postId: '36635-787-65778',
      username: 'tanaypratap',
      name: 'Tanay Pratap',
      picUrl: 'http://bit.ly/42Zm7tM',
      post: 'Join InvactHQ for MBA',
      postDescription:
        'Non programmers on my timeline. Attention! After placing 100+ programmers i in top
      upvotes: 350,
      downvotes: 50,
      tags: ['mba', 'business', 'bootcamp'],
      createdAt: '2023-06-24T12:00:00Z',
      comments: [
        {
          commentId: '89898-856-87576',
          username: 'ashwin4real',
          picUrl: 'http://bit.ly/42Zm7tM',
          likes: 0,
          comment: 'Interested',
          createdAt: '2023-06-24T12:01:00Z',
        },
      ],
      isBookmarked: false,
    },
    {
      postId: '36698-343-321232',
      username: 'trishajain',
      name: 'Trisha Jain',
      picUrl: 'http://bit.ly/42Zm7tM',
```

```
      post: 'Can I learn HTML, CSS, and JavaScript in 1 year?',
      postDescription:
        'I am looking to make my career in web development and want to learn these technolog
      upvotes: 150,
      downvotes: 0,
      tags: ['html', 'javascript', 'web development'],
      createdAt: '2023-06-24T12:54:00Z',
      comments: [],
      isBookmarked: false,
    },
  ],
}
```