

Syncthreads Computing Pvt Ltd

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ASSIGNMENT

Timeline : To be submitted in 3 days from acceptance

Next step : Technical Video Interview on the submitted assignment

ASSIGNMENT GOAL:

1. Find appropriate library to integrate map(open street) in a REACT application (open source). Do **not** use Google iFrame.
2. Create APIs for
 - a. Login
 - b. Dashboard
 - c. Map view.
3. For authentication, use the best method possible (instead of private routing)
4. If a user is logged in, he/she should be routed to the dashboard. The dashboard has card components each having a unique ID. On click of the card component, it should open a map view and display the map of India with current location being **zoomed out**.
5. Zoom in and zoom out functionality should work well
6. If the user is not logged in, the dashboard and map view api should show a message **"User not logged in"**

NOTE: You will be judged on:

1. what packages you use
 2. Code quality
 3. UI quality – IT HAS TO BE CREATIVE
 4. Backend
- You would also be expected to show your FIGMA portfolio. Your portfolio work would be judged on UI-UX design principles, creativity, and ease of interface.

NOTE : Make sure to follow coding standards. Try to code as much as REACTJS (functional / class component) instead of pure javascript

We thank you for your time and interest. **All the Best!**