**Level: Medium**

Title: Favorite places

Descriptions:   
An urban service application to store the user’s favorite places on a map.

User story:

1. User enters the application and sees the splash
2. User sees one page only that contains a map
3. By clicking on each part of map, a pin would be dropped on that location
4. Then it would open a modal that contains a form with title and description inputs.
   1. User also should be able to cancel it, and by cancelation there should be no pin on that location
5. After submitting the form, user should see the pin
   1. By hovering on pin, a tooltip should popup and show the title of location
   2. By click on the pin, a modal should popup and show the full title and description of location
      1. User should be able to delete/edit location
6. User should also be able to search on map, so there should be a search bar at the top of the page,
   1. By typing in search bar, it should automatically get the similar places to user’s search,
      1. In a dropdown it should suggest the places, and if there was no place at all, it should show not found message
      2. By clicking on each item, map should fly to that position, and the result dropdown should be closed.
   2. By focusing on search bar, previously searched result should be shown again unless user enters a new search query.
7. There should be a ‘find my location’ button
   1. By clicking on location tracking button, map will fly to the user’s location.
8. Also user should be able to see all added location in a list
   1. If user has no added location, this button should not be visible.
   2. By clicking on each location, locations list should be closed, an map should fly to related pin and then, show the tooltip of the pin
   3. User should also be able to search through the added location.

**Note: API is only required for search on map, locations could be stored in local storage**

**Requirements**

1. React
2. Redux
3. Saga
4. Styled Component.
5. You free to use on of this services
   1. Map.ir
   2. Cedarmaps
   3. Open street map
   4. Google map
6. Documentation for components using JS Doc, also a readme file to run the project

**Nice to have**

1. Unit test and component test