

# L-SOAP – Online Coding Internship

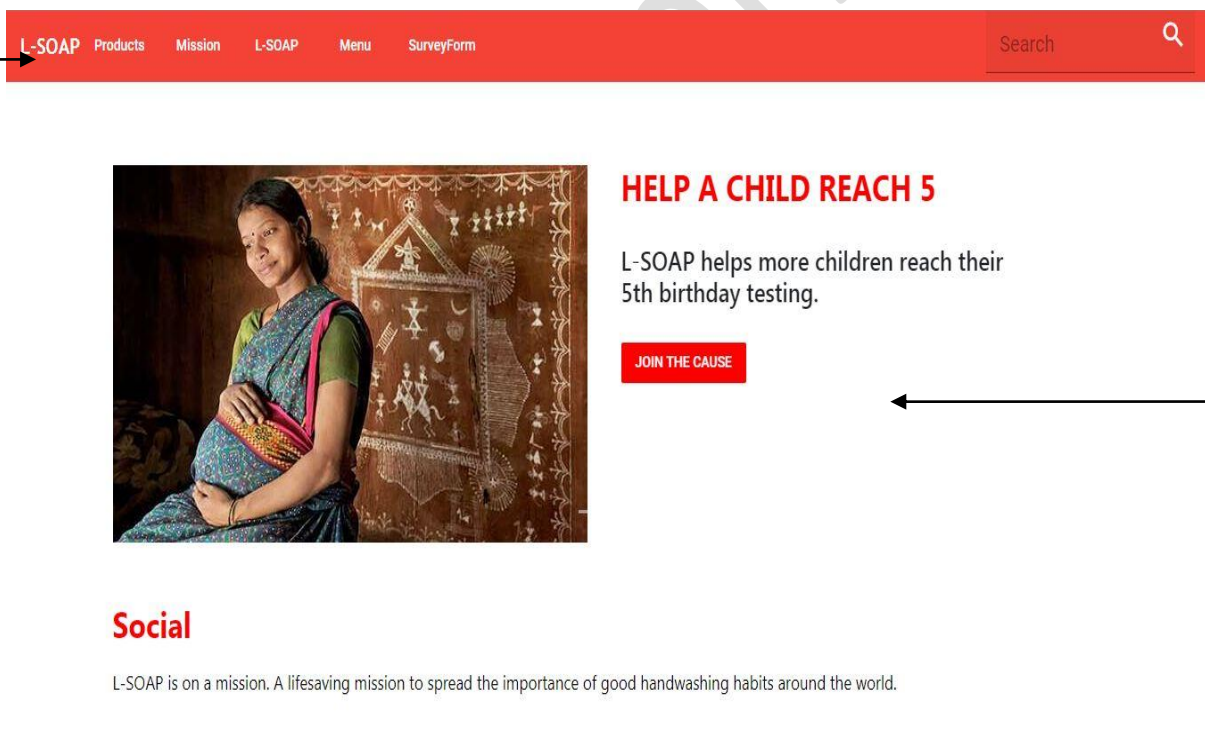
L-SOAP is hybrid web application made in angular. It is basically a clone of lifebuoy website. For the front-end designing part you can use either bootstrap or angular material theme. For the database and backend work you can use firebase. Modules used in this project are Angular routing, http client, ngb-bootstrap, services, Angular fire module etc.

## Reference Links:

- Angular - <https://angular.io/guide/quickstart>
- Firebase - <https://firebase.google.com/docs/>
- Bootstrap - <https://getbootstrap.com/docs/4.3/getting-started/introduction/>
- Material Theme - <https://material.angular.io/>
- Project Reference - <https://www.lifebuoy.in/>

*“In Angular, everything is in form on components. Components are the most basic UI building block of an Angular app. An Angular app contains a tree of Angular components.”*

## 1. Home Component:



This is a default component of the project. You can make it default in Routing Module.

Command for component generation: **ng g c component\_name**

**Material Navbar Component**

**ngb-bootstrap carousel**

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## Health

Stay up-to-date on health matters, because knowledge is the best defense.



Bootstrap Card Layout

## 2. SOAP Component:

### Help a Child Reach 5

#### YOU COULD HELP SAVE A BABY'S LIFE.

Share Sangrahi's story, show it to expecting mothers and join a global movement to teach good handwashing habits that can save millions of young lives. #HelpAChildReach5



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Use embed responsive class in bootstrap for YouTube embedded url.

### 3. Survey Component:

**L-SOAP Survey**

First Name

Last Name

Email

Password

Which brand of antibacterial product are you using?  
☐ L-SOAP ☐ Dettol ☐ Protex ☐ Antabax ☐ Others

Are you satisfied with L-SOAP products?  
☐ Yes ☐ No

Are you satisfied with L-SOAP products?  
☐ Yes ☐ No

Modules and elements to be used:

1. Bootstrap Template Driven Form.
2. Template Form Validation.
3. Enable submit button after all input are filled.
4. Stored this information inside firebase database.
5. Import {AngularFireModule} and {AngularFireDatabase}.
6. Form should be responsive.

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## **Modules & Dependencies:**

- Routing Module
- Http Client
- Services
- Angular Material Theme - MatToolbarModule, MatIconModule, MatSidenavModule, MatButtonModule, MatListModule, MatBadgeModule, MatGridListModule, MatCardModule, MatMenuModule, MatInputModule, MatSelectModule.
- Ngb-bootstrap
- Bootstrap
- Firebase

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## **Steps to generate Android/IOS App**

- Install Cordova into your system - ***npm install cordova***
- Build your angular project – ***ng build***
- Now you can see dist folder generated after ng build inside your project.
- Create cordova project – ***cordova create mobile***
- Move inside cordova project directory – ***cd mobile***
- Delete all the contents of folder “WWW”
- Place all the contents of dist folder (generated after ng build) to www folder of Cordova project directory.
- Now go inside www folder and open index.html file and do following changes: from - ***<base href= “/”>*** to ***<base href= “./”>***
- Add Platform for Cordova project. – ***cordova platform add android/ios***
- Build Cordova Project - ***cordova build***
- You will see generated apk path, go to path copy the apk files and install into your mobile phones.