



Operations Manual

SAMMI - Platform to issue messages to customers via Íslandsbanki's channels

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1 Introduction

The operation manual gives an overview how to setup the development environment for Sammi to continue the development of the platform. The manual includes all the programs, packages and libraries that need to be installed.

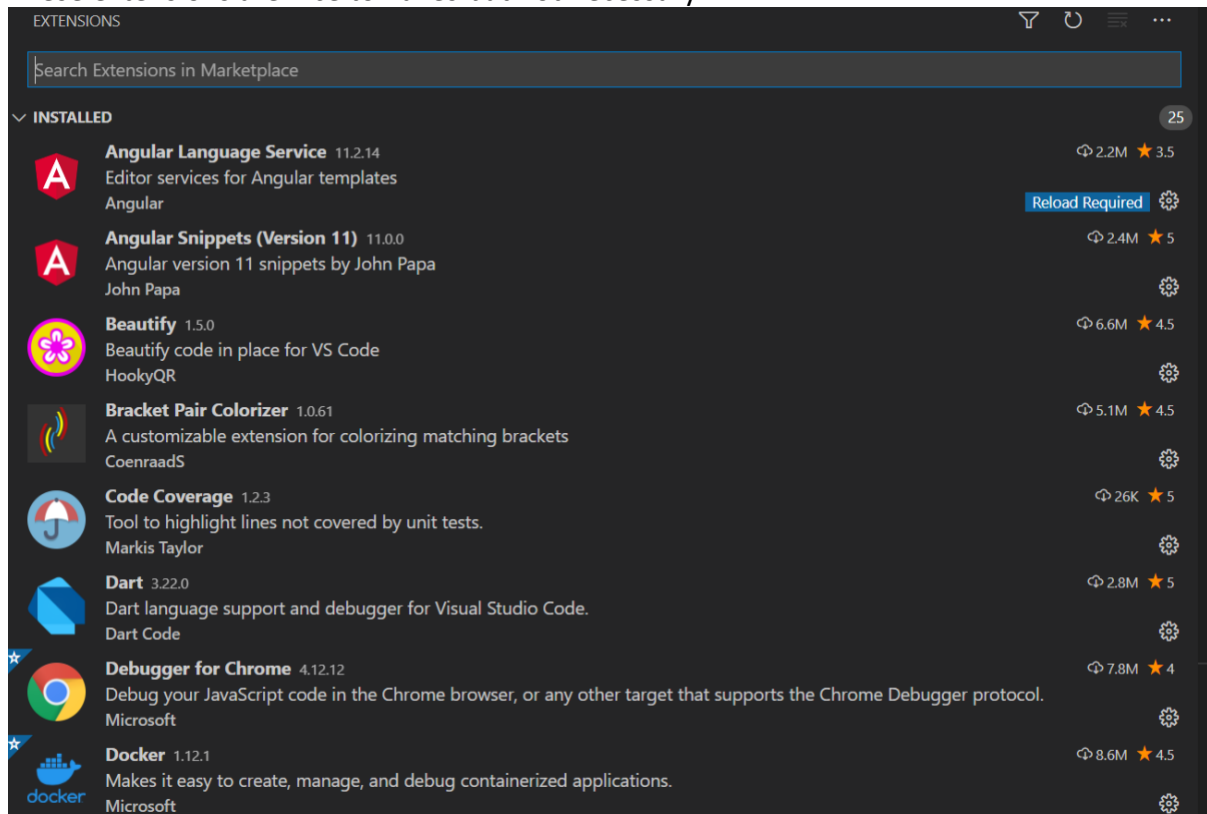
2 Sammi communication platform

2.1 Development setup

Tool name	How to get
Node	Send service request for installation
npm	Comes with Node npm install
angular	npm install -g @angular/cli
Visual Studio Code	https://code.visualstudio.com/

2.2 Visual studio extensions

These extensions are nice to have but not necessary.





Extension Name	Version	Author	Downloads	Rating
Flutter	3.22.0	Dart Code	2.7M	5
GitLens — Git supercharged	11.4.1	Eric Amodio	8.9M	5
LaTeX language support	3.6.0	Long Nhat Nguyen	186K	3.5
Lodash Snippets	1.0.0	Tom Philbin	17K	5
Material Icon Theme	4.6.0	Philipp Kief	7.4M	5
Move TS - Move TypeScript files and update relative imports	1.12.0	stringham	406K	4.5
Nx Console	17.3.0	nrwl	691K	3.5
Remote - WSL	0.54.6	Microsoft	6.5M	5
SonarLint	1.21.0	SonarSource	725K	3.5
SVG Preview	2.8.3	Simon Siefke	79K	5
SVG Previewer	0.7.0	Vitalii Mazurenko	26K	5
TODO Highlight	1.0.4	Wayou Liu	1.7M	4.5
TSLint	1.3.3	Microsoft	2.7M	3
TSLint (deprecated)	1.0.46	egamma	2.6M	5
TypeScript Hero	3.0.0	Christoph Bühler	775K	4
vscode-pdf	1.1.0	tomoki1207	757K	4.5
Zoom Bar	1.4.0	wraith13	23K	4.5



2.3 Repository

- Repository: Channels.Samskirti.Web
- Develop branch: main development branch, source code
- Main branch: merged with Develop before deployed to IT Main
- Each feature is developed on a separate branch.
- When development of a feature is completed, a pull request (PR) is created to merge Develop, task or backlog item attached to the PR and sent for code review. With approval of the PR the branch is merged to Develop.

2.4 Developer server

Run `npm start` to start the development server. Navigate to <http://localhost:4200/> to run the web application.

2.5 Testing

2.5.1 Unit tests

Run `ng test`

2.5.2 Automated tests

When installing Cypress for the first time:

```
npm init
```

```
npm install cypress --save-dev
```

Running Cypress:

```
cd e2e
```

```
npm i
```

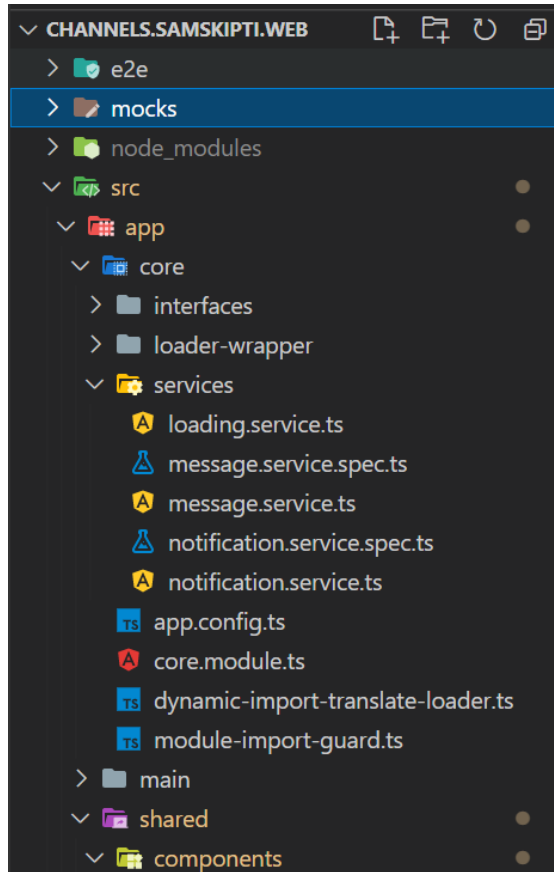
```
npm run cypress
```

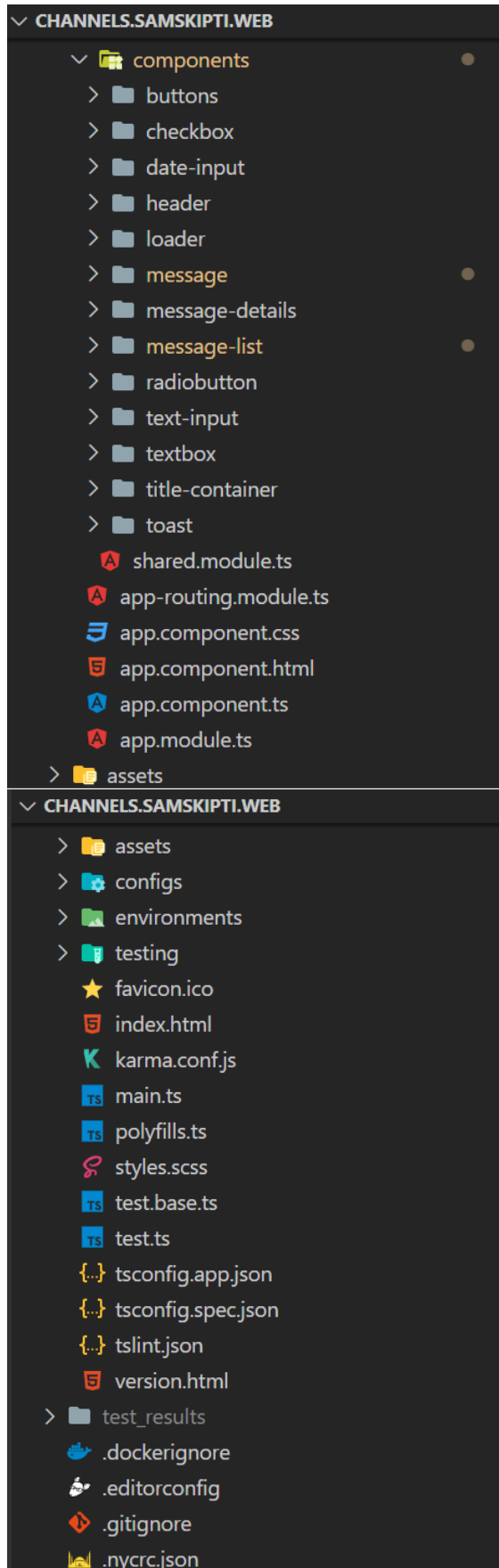


2.6 Project structure

Guidelines for the structure of the project: <https://angular.io/guide/styleguide#style-04-06>

2.6.1 Folder structure







2.7 Firebase

Access to Cloud Firestore: <https://console.firebase.google.com/project/test1-2b442/firestore/data~2Fsammi>

The structure of the data in Firestore is as follows:

```

sammi: [
  home: [
    {
      id: string,
      channels:[
        android: {
          show: boolean,
          close: boolean,
          versions: [ int ]
        },
        ios: {
          show: boolean,
          close: boolean,
          versions: [ int ]
        },
        onlinebank: {
          show: boolean,
          browsers: [ string ]
        },
        externalbank: {
          show: boolean,
          browsers: [ string ]
        }
      ],
      time:{
        start: Date,
        end: Date
      },
      theme: string,
      message:{
        is:{
          text: string
          title: string
        },
        en:{
          text: string
          title: string
        }
      }
    }
  ]
]

```

3 Tools and Services

Following tools and services were used in the project:

- Angular
- Node
- NPM
- Firebase
- Azure DevOps
- Visual Studio Code
- Git
- Figma
- Cypress