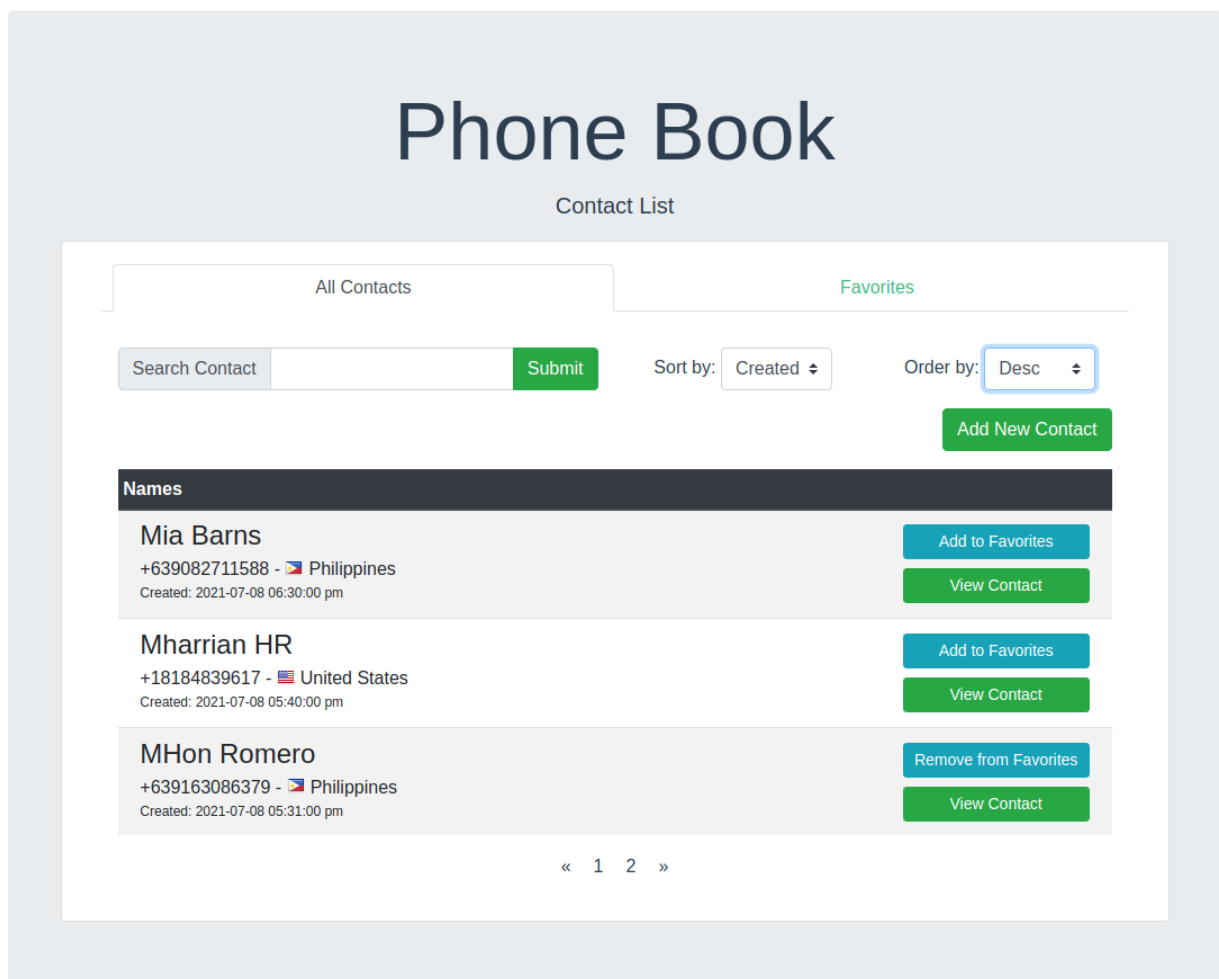PHONEBOOK APP DOCUMENTATION

Overview: Simple Phonebook app that is able to sort, search and manage contacts.

Adding a new feature that integrates with the business logic and software design pattern base on code structure and how each components, pages and classes are communicated.

Screenshots:

Home Screen

Favorites

Phone Book

Contact List

All Contacts	Favorites

Search Contact [   ] **Submit**   Sort by: [Created ⇅]   Order by: [Desc ⇅]

Add New Contact

Names

MHon Romero
+639163086379 - 🇵🇭 Philippines
Created: 2021-07-08 05:31:00 pm

Remove from Favorites

View Contact

« 1 2 »

Contact info view

Phone Book

Contact List

		Update	Remove from Favorites	Delete

Contact Info

Firstname	MHon
Lastname	Romero
Phone Number	9163086379
Phone Code	+63
Complete Number	+639163086379
Country	🇵🇭 Philippines
Date Created	2021-07-08 05:31:00 pm

Update Contact Info

Phone Book

Contact List

	Update Remove from Favorites Delete

Contact Info

Firstname	MHon ✓
Lastname	Romero ✓
Phone Number	9163086379 ✓
Phone Code	+63
Complete Number	+639163086379
Country	Philippines ✕ ⌄
Date Created	2021-07-08 05:31:00 pm

Save Info Cancel

Confirmation alert

Phone Book

Contact List

| | Update | Remove from Favorites | Delete |

Contact Info

Firs

Las

Phone N

Please Confirm ✕

Save changes?

NO YES

Phone

Complete Number +639163086379

Country 🇵🇭 Philippines ✕ ⌄

Date Created 2021-07-08 05:31:00 pm

Save Info Cancel

Add New Contact with Validation

Phone Book

Contact List

Add New Contact

Firstname	MHon ✓
Lastname	Romero ✓
Country	🇺🇸 United States ✕ ⌄
Phone Number	092372327 ⓘ
	* Should be a valid number for United States.
Phone Code	+1
Complete Number	+1092372327

Save Info   Cancel

With options

Phone Book

Contact List

Add New Contact

Firstname	MHon ✓
Lastname	Romero ✓
Country	🇺🇸 United States ⌃
Phone Number	092
	* Shou
Phone Code	+1
Complete Number	+109

- 🇦🇫 Afghanistan
- 🇦🇽 Aland Islands
- 🇦🇱 Albania
- 🇩🇿 Algeria
- 🇦🇸 AmericanSamoa
- 🇦🇩 Andorra
- 🇦🇴 Angola
- 🇦🇮 Anguilla
- 🇦🇶 Antarctica
- 🇦🇬 Antigua and Barbu
- 🇦🇷 Argentina

Save Info   Cancel

Code Directory and Library

VUEJSEXAM
- > coverage
- > node_modules
- ∨ src
  - > assets
  - > classes/enums
  - > components
  - > layouts
  - > mixins
  - > router
  - > store
  - > views
  - V App.vue   M
  - JS main.js   M
  - > tests/unit
- B .babelrc
- .editorconfig
- .gitignore
- <> index.html
- JS jest.config.js
- {} package-lock.json   M
- {} package.json   M
- (i) README.md   M
- webpack.config.js
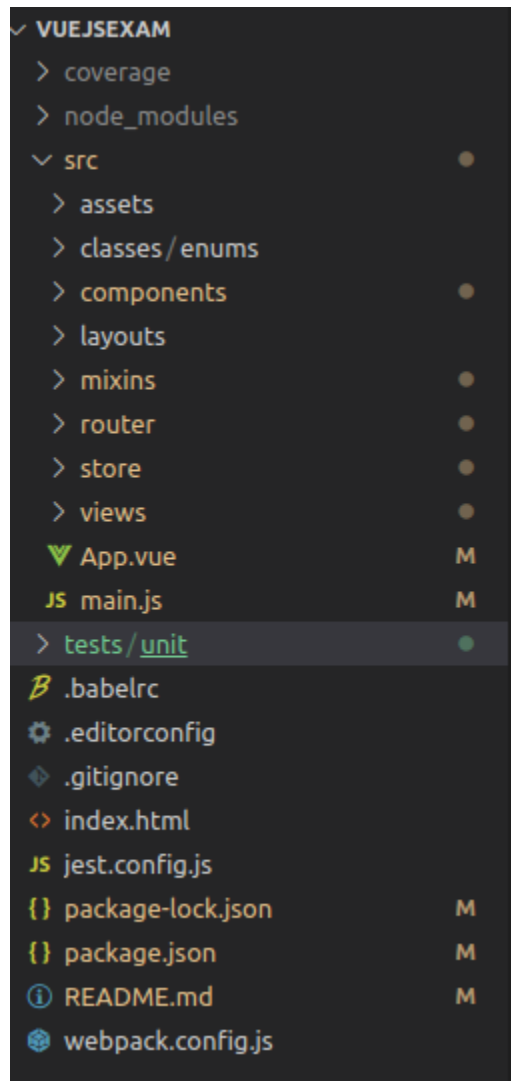
Src - source code directory

Assets - directory for images ,css etc

Classes - Class functions and enumerations

Components - contains vue components

Layouts - contains main page layout

Mixins - directory for global reusable functions

Router - directory for router js

Store - directory for state management (vuex)

Views - directory for page components

App.js - main page of the project

Main.js - main js and config of the project

Test - directory for unit testing

Sample Unit testing

```
----------|----------|----------|----------|----------|-------------------
File      | % Stmts  | % Branch | % Funcs  | % Lines  | Uncovered Line #s
----------|----------|----------|----------|----------|-------------------
All files |   55.26  |   64.29  |   61.54  |   55.26  |
 List.vue |   55.26  |   64.29  |   61.54  |   55.26  |... 58,160,161,162
----------|----------|----------|----------|----------|-------------------
Test Suites: 1 passed, 1 total
Tests:       4 passed, 4 total
Snapshots:   0 total
Time:        1.071s
Ran all test suites.
mhon@MHon:~/Desktop/vuejsexam$
```