**Folder Structure:**

Root folder: tradekart

PHP code: tradekart/server

HTML/Javascript/CSS - tradekart/client

Note: Developed in windows machine

**Server code:**

**Installation steps:**

If you have PHP, composer installed on your machine, you may directly run PHP server

1. Install PHP
2. Copy php.ini file to PHP directory
3. Install composer
4. Create symphony application

composer create-project symfony/framework-standard-edition **tadekart/server**

1. Install dependencies through composer commands in php project folder **tadekart/server**
2. composer require friendsofsymfony/rest-bundle
3. composer require jms/serializer-bundle
4. composer require nelmio/cors-bundle
5. Register bundles (Add below entries to AppKernerl.php in **tadekart/server /app** folder)

new FOS\RestBundle\FOSRestBundle(),

new JMS\SerializerBundle\JMSSerializerBundle(),

new Nelmio\CorsBundle\NelmioCorsBundle()

1. Add configuration in **tadekart/server /app** **/config/config.yml** (refer to project)
2. Copy thefiles **tadekart/server /src & tadekart/server /tests** (refer to project)

**Run PHP server:**

1. cd tradekart/server
2. php bin/console server:run

**Client Code:**

**Installation steps:**

1. Run **npm install** command to install JavaScript dependencies

(Required to run test cases & less to css conversion)

1. Copy angular.min.js from **client/node\_modules**/**angular** to **client/javascript** folder

(angular.min.js is already available in client/javascript, step not necessary )

1. Copy angular-mocks.js from **client/node\_modules**/**angular-mocks** to **client/javascript** folder

(angular-mocks.js is already available in client/JavaScript, step not necessary )

1. Run below command to watch less to css changes

**gulp watch**

1. Run below command to execute jasmine test cases

**karma start karma.conf.js**

1. Rest service URL is defined as - <http://127.0.0.1:8000/app_dev.php/product/>

In productcontroller.js , productcontroller.spec.js

URL to be replaced, if the PHP server runs app in a different port.

1. **Client/Productlist.html** contains UI elements