**SNIA Developer Guide**

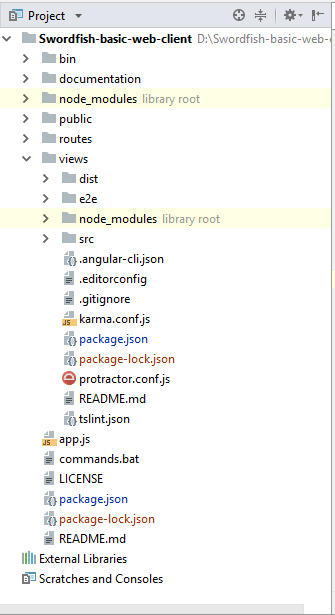
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| --- | --- | --- |
| **Author** | **Date** | **Version** |
| **Sravanthi kalluri** | **26/04/2018** | **0.1** |
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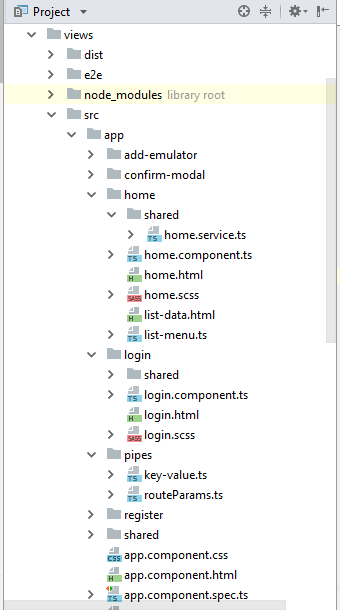
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# Project Architecture

1. The Application is build using node, express and angular-cli
2. **Package.json:** this file contains list of all the dependencies that are required to run and angular-cli
3. Run ‘npm install’ to install all the specified dependencies into local project
4. **node\_modules** will be created which contains the copy of the libraries/dependencies.





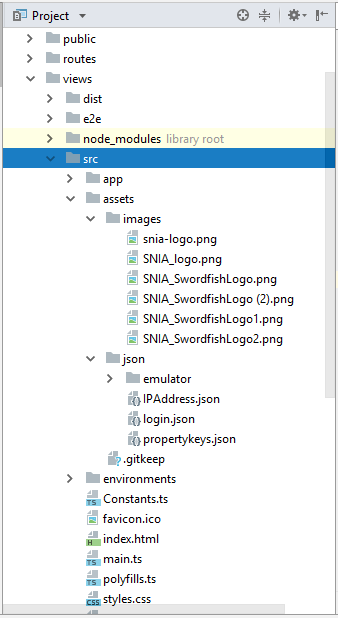


Fig: Project Architeture of basic web client

1. **views** folder contains the modules and components that are used to build the basic web client

# 2. Data Flow

The below diagram illustrates the data flow between components

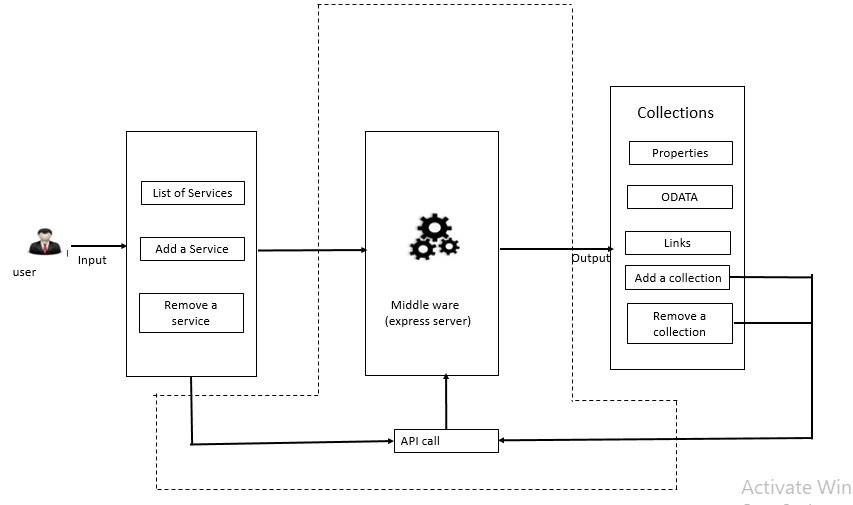


Fig: Data flow of SNIA basic web client

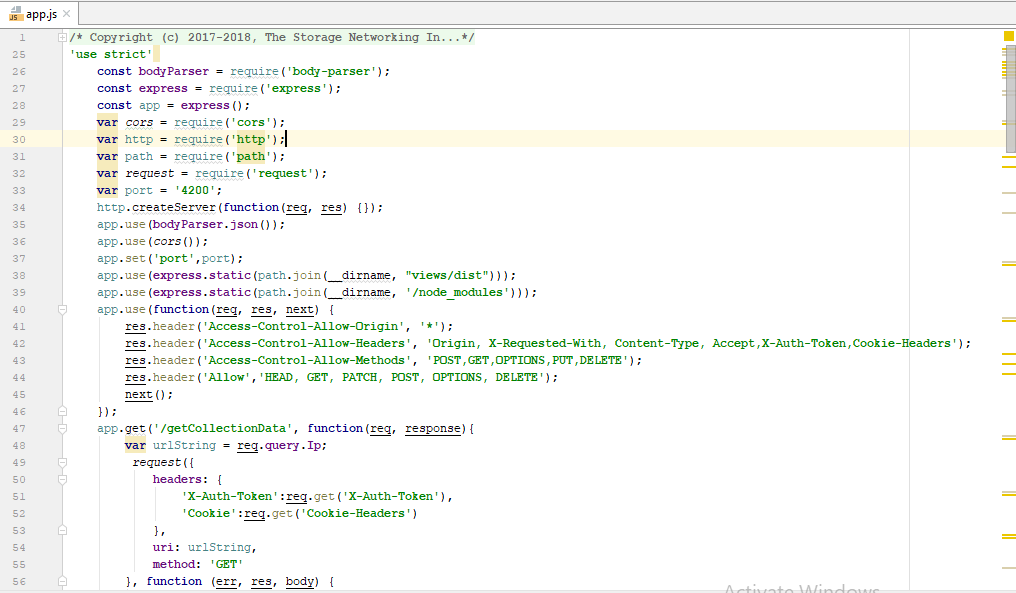
## Views folder

1. Any Modifications/addition of new files that relates to functional change or enhancement of the basic web client are to be done to files in this folder

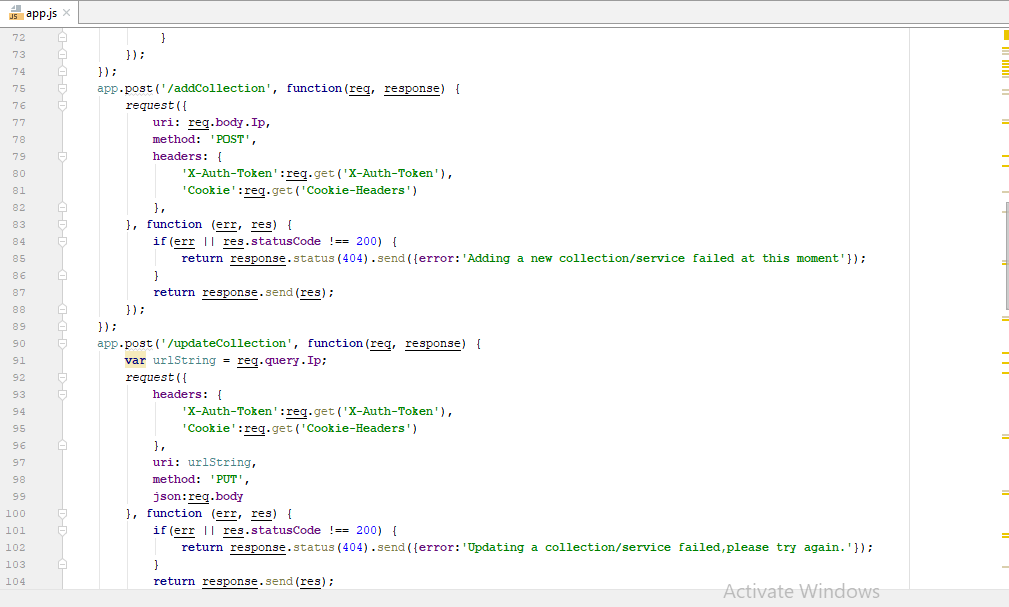
# 3.Components Used

1. **app.js**

* This acts as a middle ware between angular components and server where data resides



* All methods that are used to communicate the view (basic web client) and backend(server) resides in this file
* CORS dependency is used to handle all the domain related issues and to transfer data from one domain to another
* **app.get ():** This method is used to fetch data from the endpoint.
* **app.post ():** This method is used to add data to the endpoint
* headers can be added and body is sent along with request



* **app.delete():** This method is used to perform any delete operations



1. **dist folder:** This folder contains thecompiled code of the angular application

\*\*\* build the angular application after each change/new pull request using the command cd views && ng build