Challenge1:

Stack : MEAN stack (Mongo DB, Express, Angular and Nodejs)

Angular & Bootstrap : Client side, responsive interface

Nodejs : Event driven web services support, ideal for cases where external call is made to third party API. Threaded web server ( like Apache etc.) have limitations to handle high concurrent web sessions.

Express: Webservice framework for Node

MongoDB : Persistence, good for document storage, high performance, high availability, and easy scalability

Challenge2:

* Webservice created

Challenge3:

* Integrated with Twitter search API, OAuth2.0, basic search of tweets based on provided string

Challenge4 , 5 & 6:

* Signup and login function provided
* User information persisted in MongoDB
* Tested the solution

Challenge 7:

* Source code attached

To run the sample:

1. download dependencies for server side :

GO to main rest-sever and run npm install

1. download dependencies for sample Client:

Go to public folder and run a) npm install and 2) bower install)

1. have MongoDB server running
2. Config.js has the constants defined.