Rest API – Node.js/ Express

Token Generation & Authentication (using Passport and JWT (js web token))

CORS (cross origin resource sharing) (backend and front end will be on different ports. Adding a lime of middleware will help to connect the two)

Mongoose ODM (To build mongo db schema)

Angular 2/ Angular-CLI (front end)

Angular Router , HTTP module

Angular 2 jwt (to handle the authneticatio tokens (fetch the token from the server into local storage and then verify the token))

Auth Guard(authentication to check if user has access to a page/ dashboard)

Angualr Flash

Findings:

Cannot GET /

Because it cannot get any route to the hompage

CORS allows to get a request from a different domain name

Body-parser parser incoming request body .

Create a user model containing the details of the user for registration.

Authentication:

Generate a token using Passport js JWT strategy.

Append the generated token to the response.

Use this token to store in either the cookies or local storage.

When you want to make a request to a protected route, you have to include the token in the header.

**Protect a route:**

Use passport.authenticate() specifying 'JWT' as the strategy.

app.post('/profile', passport.authenticate('jwt', { session**:** false }),

    function(req, res) {

        res.send(req.user.profile);

    }

);