**Tasks tracked**

*Tue, Mar 14*

~~Item storage on the back-end~~

~~New item submit –> save on the back-end~~

*Thu Mar 16*

~~Post form on the front-end~~

~~Post request implementation~~

*Mon Mar 20*

~~MongoDB schema setup (basic)~~

~~Add fields to the POST form~~

~~Reconfigure the food item list to load from local DB~~

*Tue Mar 21*

Fill out the local DB with models. Steps: ~~(1) manually create a JSON array with models, incluing images (large benefit over heroku models!)~~ –>~~(2) inside server.js, input this JSON array into the DB~~ –>~~(3) write a Mongo database initial set-up script.~~

*Mon Mar 27*

~~Upload picture to the DB~~

*Tue Mar 28, Thu Apr 30*

Feature:

~~picture display on the front-end~~

~~Extension of the feature:~~

* ~~Get a food item that contains image and display all its information within an html model on the front end.~~
* ~~Retrieve the whole item collection from the database and display it as a list.~~

*Sun Apr 9*

~~Href link on the home page is not showing up – unexpected issue.~~

Approach:

~~1) Activate linter html syntax checker in sublime text.~~

~~2) Whether the linter helps or not – just fix the link.~~

Issues + new info:

1) ExpressJS REST routing with parameters:

- avoided using param name in the route definition /img/:fname

- learned about npm body-parser

- accessing GET url params through request.query.fname

*Wed Apr 12 onwards*

~~Set up Karma unit testing framework~~

*Sun Apr 16, Mon Apr 17, Thu Apr 20 onwards*

~~Basic user authentication~~

*Wed May 17, Thu May 18*

~~Authentication error modal~~

*Fri May 19, Mon May 22, Tue May 23*

Create first Mocha unit tests for the BACK-END PostLogIn route:

~~- empty email/password fields~~

*Wed May 24*

Log-in route:

~~Case 1: empty fields are handled appropriately~~

~~Case 2: user model does not exist in the DB~~

~~Case 3: success – user retrieved~~

~~Aux.: Modal pops up in case of error~~

*Thu May 25*

~~Mocha case 1: empty credential input fields (completed on May 23)~~

~~Aux.: Modal pops up in case of error~~

~~Factored out REST service handlers into separate files~~

*Sat May 27, Mon May 29*

~~Mocha tests for user authorization flow – wrap-up~~

~~Config initial setup for ‘development’ and ‘test’ Node environments~~

*June 1 – 26*

Added dedicated back-end config files

Added secure session and cookie management on the back-end

*Mon Jun 26*

Restrict access to the following API routes for unauthorized users:

/food-items POST, GET

/img POST, GET

Restrict access to the following web pages for unauthorized users:

Admin main page

“Add item” page

When user is logged in: “log out” option replaces the log-in panel.

*Task List*

1. Depoy the project – initial setup
2. UI mock-ups and styles: “add item”, “edit item details” pages
3. Finish the database initial set-up script
4. Create Karma unit tests for existing controllers
5. **Feature – edit item details for an existing item**
6. Find a new UI mock-up creation tool
7. **Food item search functionality**
8. Deploy the project: cloud / personal server

*Desirable tasks*

Basic documentation

Semiformal planning mechanism, e. g. kanban board (for discipline, organization, etc.)