

Fullstack Project

Write an application for the input of calories

- User must be able to create an account and log in.
- When logged in, a user can see a list of his meals, also he should be able to add, edit and delete meals. (*user enters calories manually, no auto calculations!*)
- Implement at least two roles with different permission levels: a regular user would only be able to CRUD on their owned records, and an admin would be able to CRUD all records and users.
- Each entry has a date, text, and num of calories.
- Filter by dates from-to (*e.g. how much calories have I had each day in the last month*).
- User setting – Expected number of calories per day.
- When meals are displayed, they go green if the total for that day is less than expected number of calories per day, otherwise they go red.
- REST API. Make it possible to perform all user actions via the API, including authentication
- It must be a single-page application. All actions need to be done client side using AJAX, refreshing the page is not acceptable.
- Functional UI/UX design is needed. You are not required to create a unique design, however, do follow best practices to make the project as functional as possible.
- Bonus: unit and e2e tests.

FAQ:

- You will be evaluated on the code structure, quality and readability of the code you submit
- Please submit the code as a zip file, but do use Git or any other version control locally.
- UI prettiness is not a judging criteria, but the UI should be functional.
- Tests are always appreciated
- Have a single README.md file at the root directory explaining your folder structure, design decisions, etc.
- Do send screenshots of your application along with the source code.
- Feel free to use any language / libraries / frameworks as you deem necessary.
- You may use any DB for this, or even an in-memory structure to store the inputs from the user.