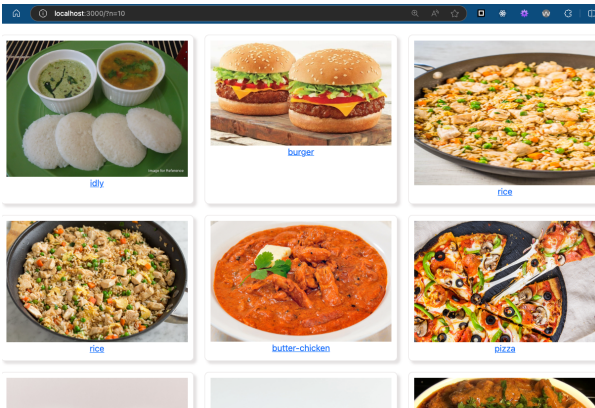
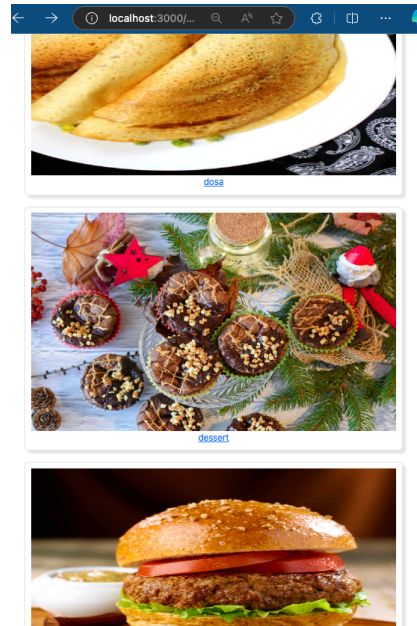


## COSC3060 – 2024B – Exercises

Let's make a simple web application for retrieving and displaying a random number of food images by accessing the API <https://foodish-api.com>. The number of images to retrieve is specified in the query part of the URL.

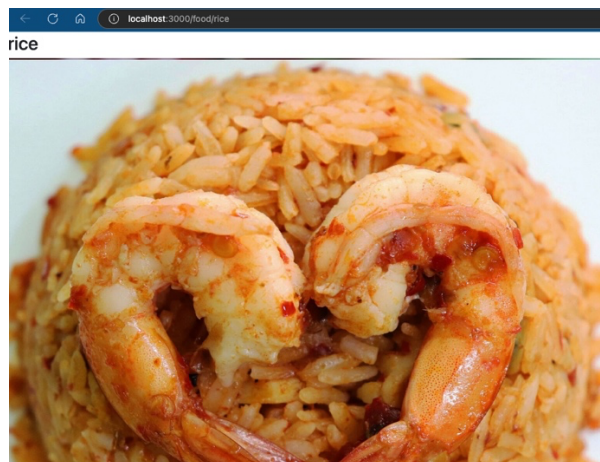


*Wireframes for desktop displays (screen width  $\geq 992\text{px}$ )*



*Wireframes for small displays (screen width  $< 992\text{px}$ )*

And clicking the link under the food image will open another tab with random image of the same type of food.



Before you start the exercise, please clone the project folder from ... which contains the necessary files for the exercise!

### Packages/modules

Install all required packages. Do not use any dependencies other than those predefined in the "package.json".

### Database

In the foodModel.js, implement the foodSchema. All data fields are required. Refer to the file seed.js and view its data to know the foodSchema structure

The mongoose.js file helps to connect the app with MongoDB Atlas. Modify the DB environment variable found in the .env file with your MongoDB Atlas connection string details. Make the app connect your MongoDB Atlas, to database of your choice.

Execute the seed.js to insert data into your database.

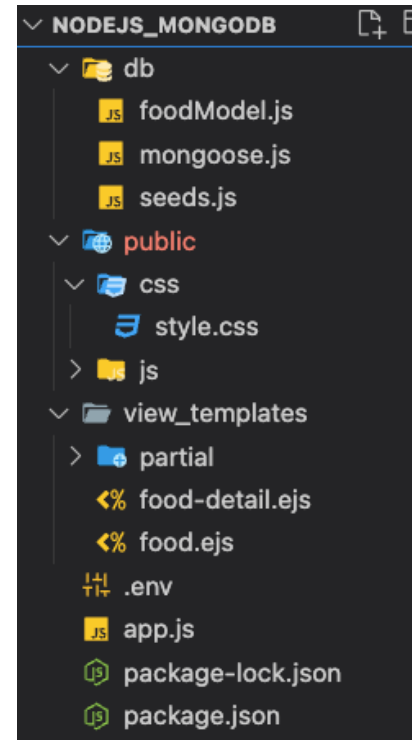
### Server

Modify the .env and configure the app.js so that the port specified in the .env file is used for running the app. If that port is not available, using port 8888 instead.

Modify the code in "app.js" to launch the application. You may need to make some changes to the folder structure to resolve some bugs.

### View engine/EJS

Configure the view engine so that .ejs files in the view\_templates can be used to display content.



### Configuration for convenient use

In the package.json, add two scripts: "start" and "seed". The "start" script will launch the application, and the "seed" script will insert data into the database, eliminating the need to specify configurations with each execution. These commands will be performed like this:

```
npm run start
```

```
npm run seed
```

```
> node app.js
```

```
> node db/seed.js
```