Steps:

1. Reading and understanding the given task. - 15min
2. Fetching the files from Dropbox and going through the code. - 30min
3. Designing the data model. First I wanted to create separate tables for Availability and Categories, however after further consideration I decided to put all the dishes data in one table. If it were a larger project I would have created multiple tables. - 30min
4. Creating the database schema in MySql , creating the user and dish tables, inserting mock data and testing . - 1h
5. Setting up and testing api endpoints. - 20min
6. Creating and testing controllers. - 1h 30min
7. Creating the Vuejs frontend. This was the main task of the project and it took me around 3 days to do it. I couldn’t say exactly how many hours because I was constantly trying to add some things outside the scope of the project and later removing them. I had some normal coding problems, nothing major. For example figuring out the layout and design, filter functionality and adding features like simple login.
8. Finishing touches. Adding notifications, errors, checking responsiveness etc. - 1h

Steps to run locally:

1. Clone the master branch from my github repo: Mislav0508/digital-menu.
2. Create a database schema. I used MySql Workbench. Create 2 tables: dish and user. I provided the scripts in my repo.
3. Add test user to the user table.
4. Npm install both api and app.
5. Create .env file in api and set your db connection variables: DB\_HOST, DB\_USER, DB\_NAME, DB\_PASSWORD
6. BE: nodemon server, FE: npm run serve

Conclusion:

This was a fun and interesting task and if there is anything else I can do to improve it, please don’t hesitate to tell me.

Sincerely,

Mislav