

**Project Title: Cooking made easy!**  
**Team 25(DexLab)**  
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**1. Full WEB URL :-**

We have hosted our website using the combination of Heroku and Jetstream servers. The URL for the same is mentioned below.

<https://cookingmadeeasy.herokuapp.com/>

**2. Full Github URL :-**

We have stored all the webapp files on GIT and we have created separate folder for webapp(Frontend) and backend folder.

<https://github.com/saurabh737/Cooking-made-easy>

**3. Technical description :-**

1) Tools used:-

- We have used **MySQL** as our primary database.
- For backend of our system we have used **JavaScript** (NodeJS).
- The database will be password protected and can only be accessed by the admin. We have used secured APIs for making any modifications by the users.
- Frontend have been developed using the combination of **HTML, CSS, and JS** and to implement the aesthetics of the app we have used **Bootstrap**.
- For deployment of our system we have used **Heroku** and **Jetstream** Server.

2) Data used in our Website:-

- a. Dataset link -  
[https://www.kaggle.com/shuyangli94/food-com-recipes-and-user-interactions?select=RAW\\_recipes.csv](https://www.kaggle.com/shuyangli94/food-com-recipes-and-user-interactions?select=RAW_recipes.csv)
- b. We will be using only RAW\_recipes.csv and RAW\_instructions.csv from the dataset link provided above.
- c. We will be using only a portion of this dataset because of memory constraints. Usability Score: 10.0
- d. Stats:
  - a. Two CSV files : RAW\_recipes.csv & RAW\_instructions.csv.

- b. Number of columns: 14
- c. Number of rows : > 50,000.
- d. We did data cleaning before ingesting in MySQL.
- e. Source: user interactions and uploads on Food.com.

3) User Functionalities :-

We have implemented full fledged website which will help users to search for different recipes and steps to prepare them based on their preference. Below we have different functionalities available on our website.

- a. User can **Signup** and **login** on our system to explore recipes
- b. They can **Browse** variety of recipes and check their user ratings.
- c. We are displaying the **number of steps** required to cook food, **total time** taken and **user rating** to help them choose recipes.
- d. We have implemented **filter feature** based on cook-time and number of steps.
- e. User can also mark any recipe as **Favourite** and later they have ability to remove it from their profile page.

4. Team Work :-

All the team members were actively involved in the project, and it panned out exactly how we planned in the beginning of course.

- a. Backend - Kumar Saurabh
- b. Frontend/Visualization - Vishwa Shrirame
- c. Data Cleaning - Raghav Chegu Shyam Kumar
- d. Database Management – Kumar Saurabh
- e. Deployment – Vishwa Shrirame and Kumar Saurabh