

## Objective

Using Python 2 or Python 3, prototype a web application that can **allow anyone** to read and submit ramen reviews. You are free to use any open-source web framework (e.g. flask, bottle) to support your work.

## Technical Requirement

- The dataset must be imported into SQLite database.
  - All the columns provided in the sample dataset must be included in the database.
- All the queries must be supported by REST API endpoints.
- A front-end interface is **optional**. However, it will be your responsibility to ensure that all the endpoints can be accessed by software such as *curl* or *Postman*.

## User Stories

- As a prototype user, I want to be able to create a new review.
- As a prototype user, I want to be able to modify the reviews.
- As a prototype user, I want to be able to delete the reviews.
- As a prototype user, I want to be able to get a list of ramen reviews filtered by a country.
- As a prototype user, I want to be able to get a list of ramen reviews based on a partial text.
  - For example, querying this endpoint with “Seaweed” will include results such as “*Seaweed Instant Noodle*” and “*Seaweed Flavour Noodle*”.

## Sample data included in this assessment

- ramen-ratings.csv

## Submission Requirement

- Codes
- SQLite database
- *requirements.txt* generated from *pip*
- A documentation that **must** include the following details:
  - All the steps necessary to run your codes
  - All the REST endpoint URL that you have implemented
  - Design rationale (e.g. why API endpoint is designed in a certain way)

Please submit all the files into a single zipped file via email **OR** upload the codes and documentation to a repository where we can access.