

## Objective

Create a web application which allows users to manage your favourite recipes.

Create API's to show all available recipes and the actions to create, update and delete a recipe.

API's could be able to retrieve recipes with following attributes:

1. Date and time of creation (formatted as dd-MM-yyyy HH:mm).
2. Indicator if the dish is vegetarian.
3. Indicator displaying the number of people the dish is suitable for.
4. Display ingredients as a list.
5. Cooking instructions.

## Requirements

Please ensure that we have some documentation about the architectural choices and also how to run the application.

The project is expected to be delivered as a GitHub repository URL or a zip file.

All these requirements needs to be satisfied:

- ✓1. Application must be production ready.
- ✓2. REST application must be implemented using Java.
- ✓3. Data must be persisted in a database.
- ✓4. Use any frameworks of your choice for REST.
- ✓5. Unit testing must be taken in due consideration.
- ✓6. Describe at least 10 testing scenarios using GivenWhenThen style.
- ✓7. The API's must be built ensuring that it is secured from security attacks.

## Bonus

- ✓1. REST application should be secured by implementing authentication process (please provide credentials).
- ✓2. Application should have an API documentation.
- ✓3. Write automation tests for the described testing scenarios.
- ✓4. Use of container based solutions is an added advantage.
- ✓5. Creating a single-page application illustrating the use of API.