Proposal

# Constrains

* Use JavaScript for feature and backend
* Use HTML5, CSS3 and Bootstrap for frontend
* Database will be dummied as JSON files or using https://fakestoreapi.com API

# Deliverables and Timeline

* Proposal for web: 23/03/2022
* First demo and feedback: 27/03/2022
  + The first three groups of feature (Login, Product Gallery and User Management) will be delivered
  + Taking feedback and demo
* Last submission and deadline: 31/3/2022
  + The last group of feature (Cart Management) will be delivered
  + Compress all resource and instruction files

# Features

## Login

User can:

* Login with username and password in Login Form
* See profile with: username, email, gender, birthday in Profile page
* Logout from web by Logout button

***Note****: user could not edit anything as it is a static web with provided API from https://fakestoreapi.com*

## User management

Admin can:

* View all users in User List page (including admins)
* View user details (with user information exception for username and password)
* \* Add user in Add User form
* \* Delete users by click Delete User button
* \* Update user by Update User form

***Note****: admin could not edit anything as it is a static web with provided API from https://fakestoreapi.com*

## Product gallery

User can:

* View the product list card (contain product title, category, image, price)
* Search product by
  + Category
  + Title
  + Price range
  + Rating range
* Sort products by ascending or descending order
* View the product card detail (extra with description, rating, number of visits)

***Note****: user could not edit anything as it is a static web with provided API from https://fakestoreapi.com*

## Cart Management

Admin can:

* View all current cart in Cart List page
* Search cart by:
  + User id
  + Date range
* Sort carts by ascending or descending order

User can:

* \* Add new cart
* \* Add product to cart
* \* Remove cart

***Note****: user and admin could not edit anything as it is a static web with provided API from* [*https://fakestoreapi.com*](https://fakestoreapi.com)