**Requirement summary (Yummy Penang)**

Project Description

Yummy Penang is a web application where enable users to view the top Penang food recommendations. The recommendations are classified by categories and each category contains a list of food eateries with details. Users can up vote or down vote the food eateries and the food eateries are sorted by the highest vote to the lowest vote. Users are required to register before voting those food eateries. If users wish to submit any recommendations, they can fill up the form and submit to admin for approval to be listed in Yummy Penang.

Layout (2 pages website)

* Main Menu

Display categories of top 10 Penang famous food

* + Picture
  + Description
    - Characteristics of the food
* Categories

Food eateries

* + Picture
  + Map
  + Information
    - Address
    - Phone number
    - Operation time

Suggestion collector

* Form for picture
* Form for maps
* Form for information

Functionalities

* Registration of users
  + Password-based accounts by using Firebase authentication
  + Allow user to sign up or sign in to the website
* Ranking of listing item in each category
  + Registered users able to up or down vote to each listing items
  + Visitors prompt to sign in before voting
  + Listing items sort by the votes count
* Suggestion collector
  + Form that collect picture, map and information of food eateries suggestion
  + Thank you message after submission
  + Email notification to admin for new submitted suggestion
    - Firebase Cloud Functions
* Admin dashboard
  + Listing items with suggestion at top for each category
  + Create, delete and edit categories
  + Create, delete and edit listing item within each category
  + Approve or decline suggestion

Project Timeline

Release 1 (6/7/2018)

* Responsive UI with proper navigation
  + Main menu
    - Header with login button
    - Consist every category
    - Each category consists picture and description
  + Categories
    - List of food eateries
    - Each food eatery consists picture, maps and information

Release 2 (16/7/2018)

* Registration of users
  + Firebase authentication
  + Password-based accounts
* Ranking of listing items
  + Sorted by the total vote counted from the highest up vote
  + Visitors will be prompted to register

Release 3 (27/7/2018)

* Suggestion collector
  + Form that collect picture, map and information of food eateries
  + Automated email sent to admin for each suggestion received
* Admin dashboard
  + List of each categories with suggestion on the top
  + Create, delete and edit categories
  + Create, delete and edit listing item within each category
  + Approve or decline suggestion

Roles

* Visitor

Browse the website

* Registered User

Able to vote to the food

* Admin User

Able to manage website by dashboard