

## ThinkFood

### Project Charter

#### Project Summary

ThinkFood is a web application where customer can order foods online. Instead of googling each restaurant to order foods, with ThinkFood, it lets you easily find and order foods in one website with out much hustle.

The feature for the website is to have a menu for each category by foods and restaurant. Make purchases, view order history and much more. For the administrator, they can add and remove menu from the website, and as for restaurant owner they receive orders from the administrator.

#### Project Team

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#### Project Descriptions

##### Objective

The objective is to design a website where customers can add, remove, rate, comment, make purchases, and view history of their orders. As for the Owner users, they can add and remove product, view the order of their customers, and deliver the food to the customer. For the Restaurant users they can view the orders they received. We will implement a database and have it all integrate into the website.

#### Requirements

Requirement No	Description
R01	The client must be able to log into an admin account
R02	The client must be able add products the web site
R03	Must be able display products by categories
R04	Customers must register place orders
R05	display the current items in the cart
R06	add selected products the cart
R07	delete products (individually or all) from their cart

R08	adjust the quantity of a selected product currently in the cart
R09	preserve the contents of the cart if the user's session is disconnected
R10	have the cart accessible regardless from any machine the customer is logging in
R11	provide a confirmation email sent the client after they place their order
R12	include a secure, online payment process
R13	Allow customers view their order history
R14	Provide an intuitive, consistent look and feel the user interface
R15	Use free open source software
R16	Have the system fully tested and up and running in 8 weeks
R20	Allow customers provide reviews for any of the products they have purchased
R21	Must be able display the evaluation reviews for any products
R22	Provide customers with appropriate product recommendations when they log in
R23	Provide customers with any product recommendations when they look at a particular product

*Table 1. requirements*

### Assumptions/Constraints

#### Constraints:

- Designing UI for non-technical users
- Limited amount of time
- Designing for mobile
- Fast responsiveness
- Security issue

#### Assumptions

- Having a meeting at least once a week outside of the class.
- Everyone steps up and help others when someone stuck
- Making a database from the ground up
- Designing the website user friendly
- Creating a test list for testing purposes
- Having a test dummy account for each module

### Project Phases & Milestones

Description	Start Date	End Date
Requirements Analysis	2019-02-28	2019-03-6
System Design	2019-03-7	2019-03-13
Implementation	2019-03-15	2019-04-03
Testing	2019-04-04	2019-04-10
Deployment	2019-04-11	2019-04-11

Risks	Impact (High, Medium, Low)
Not completing a work by deadlines	Medium
Not following the code standard	Medium
Lacking the knowledge for assigned role	Low
Not having a proper data model design	High

Project Deliverables
Software Website application
Design Document
Report Document
Structured database
User manual
Requirements specification