**Documentation**

**for**

**Group Victor’s**

**RestaurantDelivery Project**

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**Planning and preparation**

Planning steps performed

Created and updated constantly the GitHub repository.

Created and updated constantly the individual team assignments on kanban board on trello.com (https://trello.com/invite/b/XTLRN8hK/ATTIa032fc0b5d01f2f96e7f6db0108eb6feFFF1ACBA/restaurent-delivery).

Created wireframe on Figma.com (<https://www.figma.com/file/iyZb6dDdKOZfMkuYS1n0PT/Wireframe?type=design&node-id=0%3A1&mode=design&t=7HjDzlFRua4Vqram-1>).

A screenshot of a computer

Description automatically generatedA screenshot of a login and register

Description automatically generatedA screenshot of a menu page

Description automatically generatedA screenshot of a computer

Description automatically generated

Created and updated constantly the fsd10\_victor directory on phpMyAdmin inside fsd10 directory on localhost. Imported constantly the database required and generated the data model E/R diagram.

A screenshot of a computer

Description automatically generated

Target audience: users (admin users and customer users).

Research performed: Google, https://fatfreeframework.com, https://packagist.org/.

**Website Details**

Website URL: http://localhost:8888/fsd10/fsd10\_victor/RestaurantDelivery-Branch\_MJS/RestaurantDelivery-Branch\_MJS/.

Git Hub Repository URL: https://github.com/Nori-san/RestaurantDelivery.

Overall Goal and purpose of website: to be a functional website for a delivery restaurant.

Description of website section and overall workflow

Menu: shows the menu of the restaurant

About us: provide information about the restaurant.

Contact us: provide a way for the customer to contact the restaurant staff directly from the page by sending a message, or using the contact details provided on the page (address, email address or by phone number)

Login: provide a way for the customer to login into his account (create an account), using his email address

Order online: provide a way for the online order to be done.

**Communications**

Daily explanation of progress (2-3 sentences per day):

Created Figma Wireframe

Created Main page

Created the header

Inserted the background

Created the buttons

Inserted the pictures

Created the footer

Inserted the text

Created Menu page

Created the header

Created the buttons

Created the footer

Inserted the text

Created Login page

Created the header

Created the buttons

Created the footer

Inserted the text

Meeting 13.10.2023

1. Initialization of Project

1-1. GitHub Repository

> prepared for managing the work result and history.

1-2. Trello

> prepared Kanban Template for scheduling and monitoring of work process

1-3. Figma

> prepared for design of Framework.

2. Allocation of task

We categorized work process as three according to requirements of project.

Each member will work mainly for each category of work, managing resources related to the process.

2-1. Webpage - implementation (HTML, CSS) / coordination of project environment

> Mark

2-2. Database analysis and setup (Data Dictionary, ERD, Normalization\_3NF)

> Sang Kyu

2-3. Design (Search and Management of reference information, framework design)

> Claudiu

Progress report 13.10.2023

[ To Do - Progress ] (10/13)

1. Database analysis

(1) Determine the purpose of Database: Done

(2) Determine the Entities (Table) necessary: Done

(3) Determine the Attribute (fields): Done

2. Data Dictionary

(1) Initial version: Done

(2) To be review

3. ERD

> In progress

Progress report 15.10.2023

[ To Do - Progress ] (10/15)

1. Database analysis

(1) Determine the purpose of Database: Done

(2) Determine the Entities (Table) necessary: Done

(3) Determine the Attribute (fields): Done

2. Data Dictionary

(1) Initial version: Done

> To be review.

3. ERD

(1) Initial version: Done

> To be reviewed.

4. Normalization

> In progress

Progress report 17.10.2023

[ To Do - Progress ] (10/17)

1. Database analysis

(1) Determine the purpose of Database: Done

(2) Determine the Entities (Table) necessary: Done

(3) Determine the Attribute (fields): Done

2. Data Dictionary

(1) Initial version: Done

> To be review.

3. ERD

(1) Initial version: Done

> Updated

> To be reviewed.

4. Normalization

(1) 3NF: Done

> To be reviewed.

5. Initial Workflow - Documentation

(1) DB & ERD part: Done

> To be reviewed.

Initial workflow 17.10.2022

In the early stages of the project, research was conducted to understand the principles of user-friendly design. This included an analysis of competitors' websites and emerging design

trends. Our team decided with 2 pages the index and the menu page.

The index consists of 5 sections:

1. The navigation bar which consists of the company name, links (menu, about us, contact us), and the login-register form.

2. The header includes a welcoming message to the users and a link to the menu page.

3. The gallery includes photos of the dish

4. About us contains a biography of the restaurant and its foundation.

5. Contact Us includes the company contact and social media as well an interactive map to find the location and a section to leave a message.

The menu page:

1. Navigation contains the companies name, a search bar to filter the menu and the cart which related when a dish is added to the order.

2. Categories which filter the dishes by category e.g., all, popular dishes, entree, main dish, dessert, beverage etc.

3. The Dish which includes the name and the price and as well the add to order button.

The login/register form in the navigation bar in the index page users can sign up by providing information such as a username, email, password, and other relevant details and vice versa,

registered users can access their accounts by entering their credentials. These forms will be handled by php scripts which validate the submission form, validate user input, verifies the

information and interact with our database.

The cart in the menu page is an interactive option when clicked an order summary window pops up which contains the order added that includes the dish name, price and the quantity on which.

you can add the quantity or reduce. When the quantity is reduced to 0 the order added is then removed. Each order item is added the total price of the order items is then displayed. There will also have an option weather the customer wants the order items to be picked up or delivered. When delivered is selected another an address form will be asked. Thus, the order will be completed by clicking on the checkout button.

These findings influenced the overall layout, content structure, and interactive elements on the site.

The selection of colors was decided by how the menu will be presented. The basic contrast between black and white gives the website an atmosphere of simple elegance design. It can

give users the vibe of a fine dining restaurant yet affordable for delivery. Buttons are consistent with bright colors to attract the user’s eyes. Multiple fonts were considered, and user testing was employed to identify the most legible and visually appealing options. The chosen fonts not only complemented the design but also enhanced the user experience of the website.

Wireframes were instrumental in planning the layout and content hierarchy. Prior to the development phase, with the use of Figma to design our wireframe we can get a

structure of how our website would look like. As we progress through the development phase the design will surely change from our initial model.

To meet the business requirements, we thoroughly examined the use cases of customers, administrators, and employees within the delivery service framework. As part of the analysis of these business requirements, we identified and defined the relevant entities and their associated attributes. Subsequently, we developed an Entity-Relationship (ER) diagram to visually represent these elements and their relationships.

Throughout this analysis and design process, data underwent a refinement stage to ensure it conformed to the principles of Third Normal Form (3NF), a key aspect of database normalization.

Progress report 22.10.2023

[ To Do - Progress ] (10/17)

1. Database analysis

(1) Determine the purpose of Database: Done

(2) Determine the Entities (Table) necessary: Done

(3) Determine the Attribute (fields): Done

2. Data Dictionary

(1) Initial version: Done

> To be review.

3. ERD

(1) Initial version: Done

> Updated

> To be reviewed.

4. Normalization

(1) 3NF: Done

> To be reviewed.

5. Initial Workflow - Documentation

(1) DB & ERD part: Done

> To be reviewed.

=====================

(10/18)

1. Development - Webpage

1-1. Main Page - Gallery part

(1) created DB (entity, attributes necessary)

> created 'fsd10\_victor' database.

> added table for gallery.

(2) initiate gallery.php (collaborated with Mark)

1-2. index.php

(10/19)

1. DB table update

> create table - users.

(~10/22)

1. Development - Webpage

1-1. Registration

(1) added Sanitize and Validate functions

(2) added error-handling (for checking existing DB)

Progress report 29.10.2023

[ To Do - Progress ] (10/17)

1. Database analysis

(1) Determine the purpose of Database: Done

(2) Determine the Entities (Table) necessary: Done

(3) Determine the Attribute (fields): Done

2. Data Dictionary

(1) Initial version: Done

> To be reviewed.

3. ERD

(1) Initial version: Done

> Updated

> To be reviewed.

4. Normalization

(1) 3NF: Done

> To be reviewed.

5. Initial Workflow - Documentation

(1) DB & ERD part: Done

> To be reviewed.

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(10/18)

1. Development - Webpage

1-1. Main Page - Gallery part

(1) created DB (entity, attributes necessary)

> created 'fsd10\_victor' database.

> added table for gallery.

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1-2. index.php

(10/19)

1. DB table update

> create table - users.

(~10/22)

1. Development - Webpage

1-1. Registration

(1) added Sanitize and Validate functions

(2) added error-handling (for checking existing DB)

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(~10/29)

1. DB update

> created table 'menu'

> created table 'food\_cat'

> revised table 'users'

2. Development - Webpage

2-1. Admin Menu page

> developed CRUD functions

2-2. Menu page for the service

> connection with DB

> connection with other pages

2-3. Menu Item page for the service

> connection with DB

> connection with Menu main page

2-4. User Profile edit page (Collaborated with Mark)

> connection with DB

2-5. Dashboard - Menu category page

> connection with DB

> Edit function.

>> Scrum Meeting - [Oct. 31 / 2023]

[ Mark ]

1. Worked on

(1) Dashboard.php updated

2. Todo

(1) create admin\_userCount.php

(2) create admin\_menuCount.php

(3) Insert new user’s role employee in the user table

> update admin\_Employee.php similar to admin\_user

> Disable role == user entry in dashboard.php

3. Issues

> finding right design (employee section)

> logic for disabling entry in dashboard.

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[Claudiu]

1. Worked on

(1) Contactus.php

2. Todo

(1) Keep working on - Contactus.php

3. Issues

> DB connection is not working.

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[Sang Kyu]

1. Worked on

(1) Menu Category

> to make it work according to login status.

2. Todo

(1) Admin- interface (delete function)

(2) Menu - interface (delete function)

3. Issues

> there is no confirmation process for deleting data.

>> Scrum Meeting - [Nov. 01 / 2023]

[Mark]

1. Worked on

> Search functionality: Done

> adding cart: In progress.

> Developing checkout: in progress

2. Todo

> Adding Cart functionality.

> developing Checkout PHP

3. Issues

> Changes on Employee session design

[Claudiu]

1. Worked on

> Contactus.php: in progress

2. Todo

> Documentation

3. Issues

> DB communication failed.

[Sang Kyu]

1. Worked on

1-1. Menu Category

> to make it work according to login status: Done

> added the confirmation process for deleting data on the Dashboard and Menu category pages: Done

> engaged with the development of the Search functionality: Done

2. Todo

2-1. Employee Interface

(1) create DB table

(2) develop interface

3. Issues

- Changes on DB design

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>> Scrum Meeting - [Oct. 31 / 2023]

[ Mark ]

1. Worked on

(1) Dashboard.php updated

2. Todo

(1) create admin\_userCount.php

(2) create admin\_menuCount.php

(3) Insert new user’s role employee in the user table

> update admin\_Employee.php similar to admin\_user

> Disable role == user entry in dashboard.php

3. Issues

> finding right design (employee section)

> logic for disabling entry in dashboard.

===================================================

[Claudiu]

1. Worked on

(1) Contactus.php

2. Todo

(1) Keep working on - Contactus.php

3. Issues

> DB connection is not working.

====================================================

[Sang Kyu]

1. Worked on

(1) Menu Category

> to make it work according to login status.

2. Todo

(1) Admin- interface (delete function)

(2) Menu - interface (delete function)

3. Issues

> there is no confirmation process for deleting data.

Individual team assignments:

Mark Sumoba:

Restaurant design/system

Webpage development

Admin section

index.html

menu.html

Navbar development

DB setup

Wireframe design

Initial workflow document

Gallery development

Sung Kyu Kim:

Restaurant design/system

Search functions PHP and DB

Employee section

Admin functions PHP and DB

Webpage development

Database

Filter functions PHP and DB

Update menu card PHP and DB

Admin section

Navbar development

DB setup

Wireframe design

DB analysis

Initial workflow document

DB (ER diagram)

Gallery development

Claudiu Mihael Terenche:

Restaurant design/system

Contact us - messages PHP and DB

Documents

Webpage development

Admin section

Wireframe design

Initial workflow document

**Post-Mortem**

What went wrong, what went right, what would you do different, how could you improve the website?

**Project Feedback**

Overall impression of the project, ways to improve the project.