

## Individual Project Feature Declaration Form

Please enter your details below and indicate which features you have implemented. Code style and quality (Rubric Item 3) is omitted from the table below as this would apply across all implemented features. This feature declaration form is not a rubric but will be used to determine which features are implemented when marking. For you advanced feature please include details.

**Note:** Students completing a custom project do not need to complete the feature declaration form.

**Student ID:** 45659016

**Student Name:** YULIN WU

**Selected Project:** MenuScanOrder

**Deployment URL:** <https://infs3202-9261616e.uqcloud.net/menuscannerorder/index.php/>

**Development Stack:** CodeIgniter

**Table 1: Feature Declaration Table.**

ID	Feature Description	Implemented (Yes/No)
1	<b>Core Functionality</b>	
1.1	Includes a landing page and supports login with social providers (e.g. Google, Github, etc) or stores passwords	YES
1.2	Implements appropriate authorization (security) across all web pages and features	YES
1.3	Implements an admin interface to manage (create, list, edit and archive) user subscriptions	YES
1.4	Implements an appropriate relational database with fields to store all required data in a non-redundant manner	YES
1.5	Implements an intuitive, aesthetic, responsive and accessible web design	YES
1.6	Implements a paged UI to allow users to create, list, edit and delete [ menus   data stories   surveys   custom ]	YES
1.7	Implements a UI for the user to add items [ menu items   upload csv   survey questions   custom ]	YES
1.8	Generates QR codes to share [ menu for each table   link to data story   link to survey   custom ]	YES
1.9	Successful deployment of web application and database to either UQCloud or AWS <b>[Include details]</b>	YES
2	<b>Project Specific Features</b>	
2.1	MenuScanOrder: Allow customers to scan a QR code, select items from a menu and submit an order	YES
2.2	EvalForm: Allow survey respondents to scan a QR code, complete the survey and submit it	
2.3	ChartTale: Allows data story authors to select columns from the dataset and create bar and line charts	

4	<b>Advanced Features (Select 1 advanced feature to equal to 4 grade points. Multiple advanced feature items will not be graded.)</b>	
4.1	MenuScanOrder: Allow staff to view and mark an order as completed	YES
4.2	ChartTale & EvalForm: Support additional chart types or additional survey question types and/or visualisations	
4.3	EvalForm: Allow survey responses to be exported	
4.4	Implement social sharing, likes and commenting <b>[Include details]</b>	
4.5	Implement a recommendation algorithm <b>[Include details]</b>	
4.6	Include Machine Learning or GenAI functionality (e.g. auto-create content, write analysis, you can be creative....) <b>[Include details]</b>	
4.7	Implement a Progressive Web Application (with Notifications and Mobile Device Specific features) <b>[Include details]</b>	

## Advanced Features completed

1.Allow staff to view and mark an order as completed and page refresh display uncompleted order

## Admin management

1. User management (create users, modify user information, delete users)
2. Employee management (create employees, modify employee information, delete employee information)

## Filter

- 1.Staff filter: Only logged-in employees can enter the management page
2. Permission filter - only those with corresponding permissions can perform employee management and menuitem management operations

## Dishes management

Employees with permission can modify the menuitem in the management after logging in.

## Place an order for dishes

Users can place their order after logging in

## User login/employee login

Use a database to store user and employee login information. Passwords and privacy issues are hashed. Log in to verify.

## Management Account

1. **Supervisor permission**(include employee management,and menu item management) **Restaurant ID=1**

Staff username: admin

Password: 123456

2. **Normal permission**(expect employee management,and menu item management )

Staff username: public

Password:123456

## User Account

- 1.You can **register a new one**

2. **Test user account**

Email: public@test.com

Password: 123456

## QRCODE generation

After employees log in, the management interface can generate QRcodes and download them.

## Reference

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ChatGPT4 is used to generate pictures (3.jpg, 4.jpg, 5.jpg, ai pic.png, Egg Pancake.jpg, MenuScanOrderlogo.png, pan-fried buns.jpg, yummysnaught.png)

ChatGPT4 is used to get help in coding for the image upload part in the code management controller (adding menu items, modifying menu items, modifying carousel images, and modifying restaurant information) to assist in completing relevant logical judgments.

ChatGPT4 is used to get help in coding in the Order Model (createOrder, completeOrderorder, deleteorder) to assist with transactions and calling other models.