

CAPSTONE II FINAL PRESENTATION

Team 1



TEAM

- Toma Tomonari – CS Senior / Leader
- Takeshi Yamada – CS Senior
- Tomohiro Nishimura CS Senior

PROBLEM

- Lack of sufficient info and images of foods or drinks on restaurant's menu.
- Current digital menu is pretty hard to see
- Cost of making and managing physical restaurant's menu for owners.



SOLUTION

- Providing a web platform where restaurants' owners make online menus accessible from customers' smartphone via QR codes.



SCHEDULE AND TASK

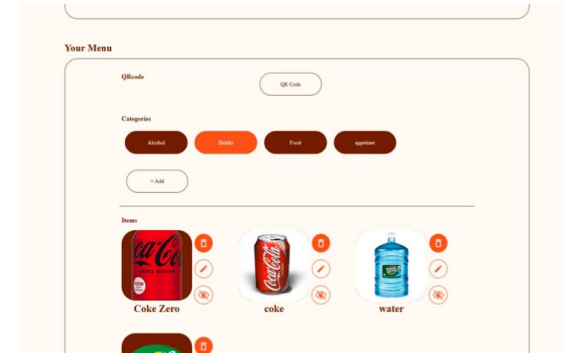
Finish web design	Set up	Check	Start building the service	Lanch
Design front end visually and decide what features exactly we are going to implement.	Set up the AWS environment and build and test an hello world program.	Check what we have created so far and decide what we exactly need to build the whole service including necessary web services, database structure, and APIs we are going to use on the client side.	Start building the service (both backend and frontend)	Pilot run Final Report

DESIGN

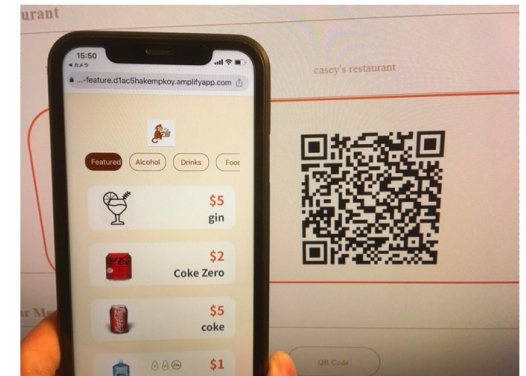
Requirements

- Web Application (Owner's side)
- Menu Viewer (Customer's side)

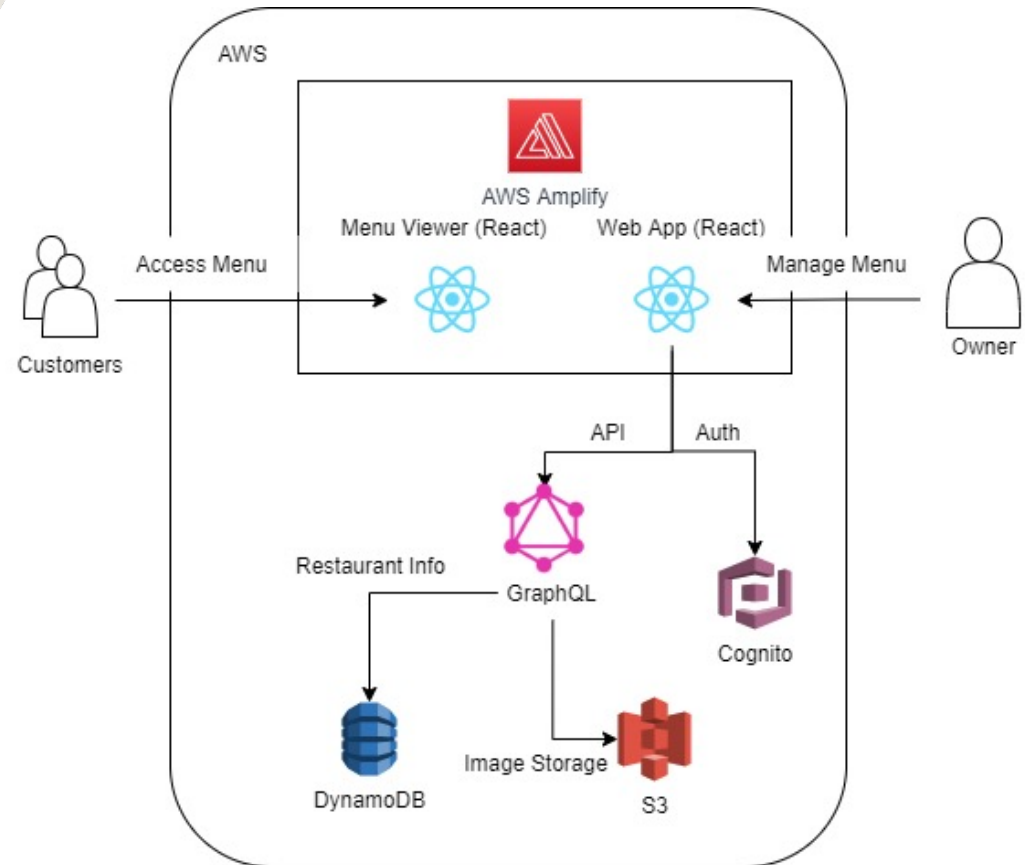
Menu Editor



QR code and Menu Viewer on iPhone



ARCHITECTURE



How It Works

Input Menu



Restaurants register for the platform and input necessary information about their menu

Generate QR Code



Once they input the menu, QR code to their menu will be automatically generated

Scan



Customers scan the QR code at table and see menu easily



How Restaurants Can Manage Menu



Remove



Edit



Hide/Show

No need to re-create or edit the pdf files.
No need to print menu

Don't have or ran out of ingredients? Just hit Hide button.
Want to put it back on the menu? Hit Show button.

Demo



Create Restaurant

The screenshot displays a web browser window with the following elements:

- Browser Tab:** React App
- Address Bar:** <https://new-feature.d1ac5hakempkoy.amplifyapp.com>
- Page Header:** MENYU (left) and SIGN OUT (right)
- Main Content:**
 - Create your Restaurant**
 - Restaurant Name:
 - Restaurant Logo: No file selected.
 -
- Footer:** Got any questions?
- User Profile:** Toma Tomorant (with a circular avatar containing 'TT')
- Taskbar:** Windows taskbar showing system tray (58°F Sunny, ENG, 10:35 AM) and application icons.

Create Categories

The screenshot shows a web browser window with the URL `https://new-feature.d1ac5hakempkoy.amplifyapp.com`. The page is titled "Your Menu" and contains a form for creating menu items. The form is divided into three sections: "QRcode", "Categories", and "Items".

- QRcode:** A rounded rectangular button labeled "QR Code".
- Categories:** Two buttons labeled "Toma's Kitchen M" and "Specials", followed by a "+ Add" button.
- Items:** A large rounded rectangular button labeled "+ Add".

The browser's taskbar at the bottom shows the system tray with a temperature of 58°F, weather "Sunny", and the time 11:01 AM. The Windows taskbar includes icons for various applications like Edge, File Explorer, and Microsoft Office.



Toma Tomonari

Create Items

The screenshot shows a web browser window with the URL <https://new-feature.d1ac5hakempkoy.amplifyapp.com>. The page is titled "Your Menu" and contains the following sections:

- QRcode:** A button labeled "QR Code".
- Categories:** A row of buttons labeled "Toma's Kitchen M", "Specials", "Food", "Drinks", and "Appetizer". Below this row is a "+ Add" button.
- Items:** A large rounded rectangle containing a "+ Add" button.

The browser's taskbar at the bottom shows the system tray with a temperature of 58°F Sunny, the time 11:25 AM, and the language set to ENG. A circular profile picture with the initials "TT" and the name "Toma Tomonari" is visible on the right side of the browser window.

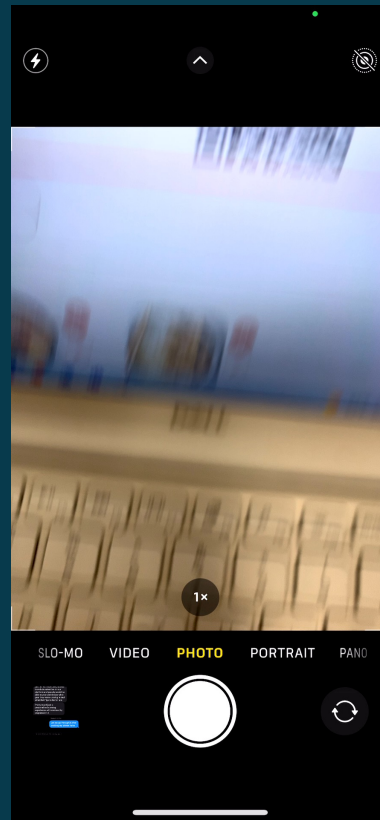
Generate QR Code

The screenshot shows a web browser window with the URL `https://new-feature.d1ac5hakempkoy.amplifyapp.com`. The page content is as follows:

- Restaurant Logo:** A large 'TT' logo is centered. To its right is a small brown button labeled 'edit'.
- Your Menu:** A section containing:
 - QRcode:** A button labeled 'QR Code'.
 - Categories:** A row of buttons: 'Appetizer', 'Drinks', 'Food' (highlighted in orange), 'Specials', and 'Toma's Kitchen M'.
 - + Add:** A button to add new categories.
 - Items:** A section header for the menu items.

On the right side of the browser window, there is a vertical sidebar with a pink circular logo containing 'TT' and the text 'Toma Tomonari' below it.

Use Case



What's Next

