



Made by Group 4

# Our Seoul Digital



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**POWERED BY AWS**



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# Introduction

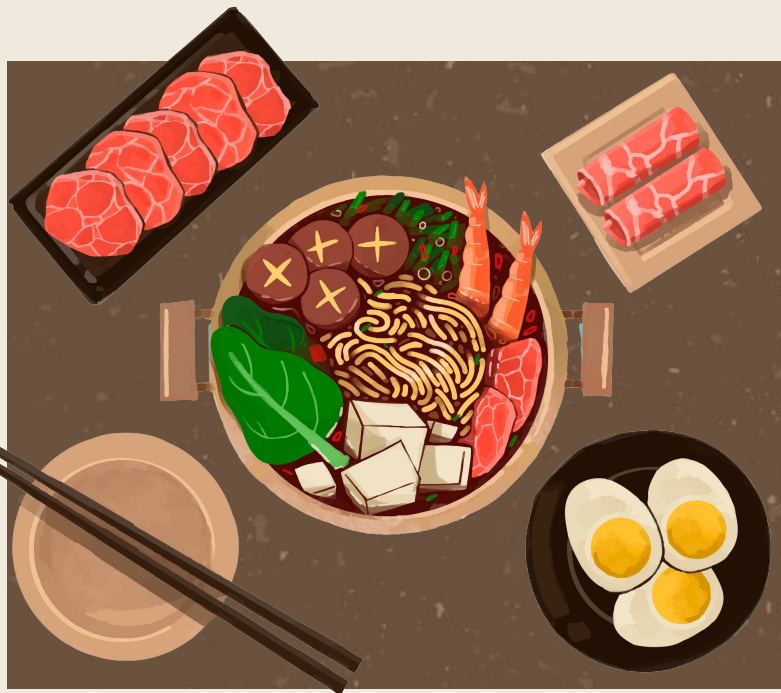
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# Introduction

## Problems:

- Increasing manpower crunch
- Diverse customer preferences at Seoul Garden
- Long queue times and not fast enough to manage every customer.
- Should be able to be used across all Seoul Garden outlets





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# Objectives

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# Objectives

## Improve Efficiency

- Reduce manpower requirements
- Streamline customer's seating process.

## Enhance Customer's Experience

- Provide personalized recommendations
- Available past history data and preferences of choices

## Gather Insights

- Collect & analyse data on customer preferences
  - Receive feedback for better decision making.
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# Our Solution

## Solution:

- A frontend **self-serving** application to enhance customer seating and payment process.
  - Using the history of the customer's past orders the application can recommend which tier the customer should get, making it easier for the customer to choose.
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## Our Prototype

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# WHAT OUR PROTOTYPE CAN DO

## Recommend Tiers

Using data science, based on past orders and what other people have ordered. Our application can recommend you to get the most suitable tier for you so you have the best experience at Seoul Garden

## Fast Order Process

When testing with people who have never used the application before, it only takes on average less than a minute to complete the order process. Our UI is extremely simple that all age ranges know what to do.

## Compatibility with all outlets

Due to how simple and efficient our application is, not much setting up is needed to have our application at every Seoul Garden Outlet in Singapore.

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# AWS Services We Used

## AWS CloudFront

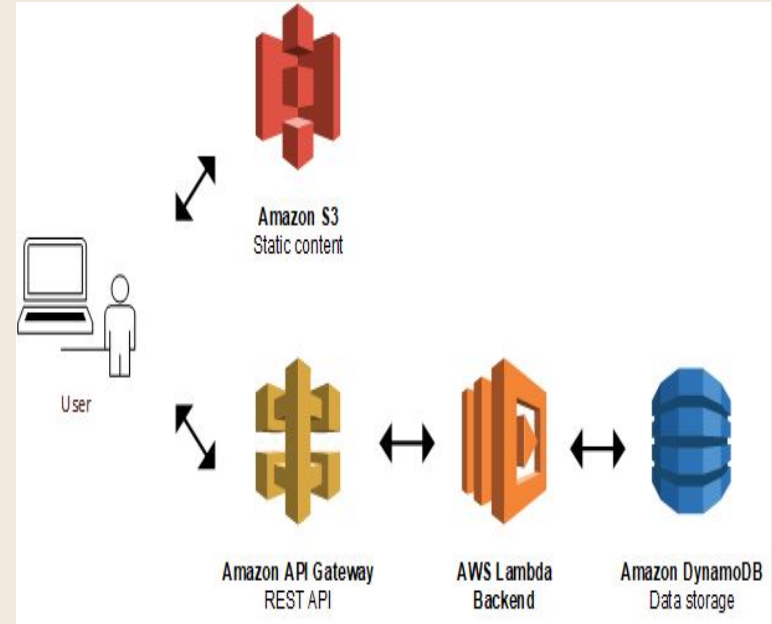


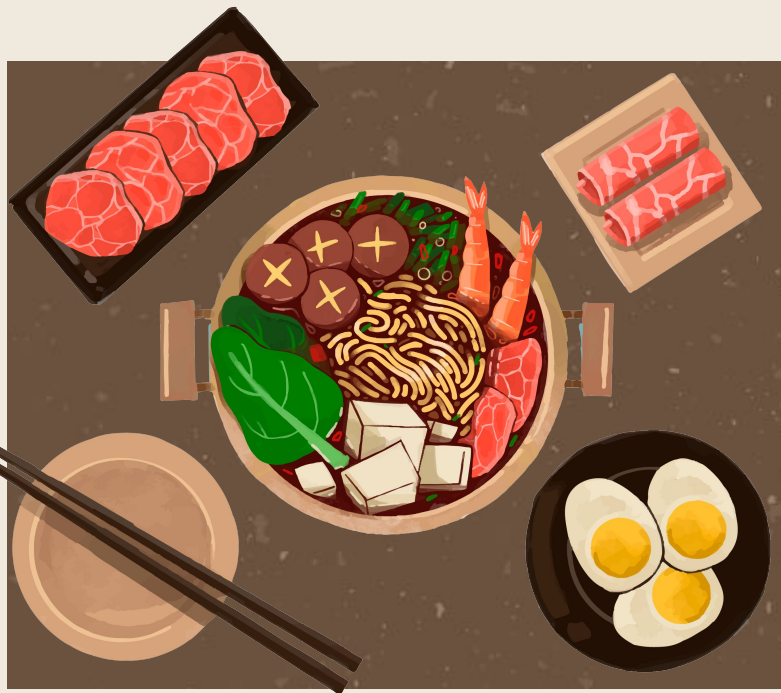
We used AWS CloudFront to deploy our application. With AWS CloudFront, our application could run smoothly and can be used in all Seoul Garden outlets all at once without problems

## AWS DynamoDB



We used AWS DynamoDB to store Seoul Garden's multiple tier prices for both weekends and weekdays. AWS DynamoDB made it easier for our application to retrieve these prices to show them to customers





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## Limitations

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# Problems with our Application

## Availability in only English

Our application can only be used by people who speak English. This is because we did not have the time to translate the application into other languages used in Singapore.

## Application lacks audio features

Our application not being able to audibly go through the order process, due to time constraints. This means people who are dyslexic or visually impaired cannot use our application

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# Unlock your soul with Our Digital Seoul

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Special thanks to Mr Gabriel for helping with a lot of our problems with code  
and the project in general!!!

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