

Lunch, Together

Microsoft Azure Virtual Hackathon 2021





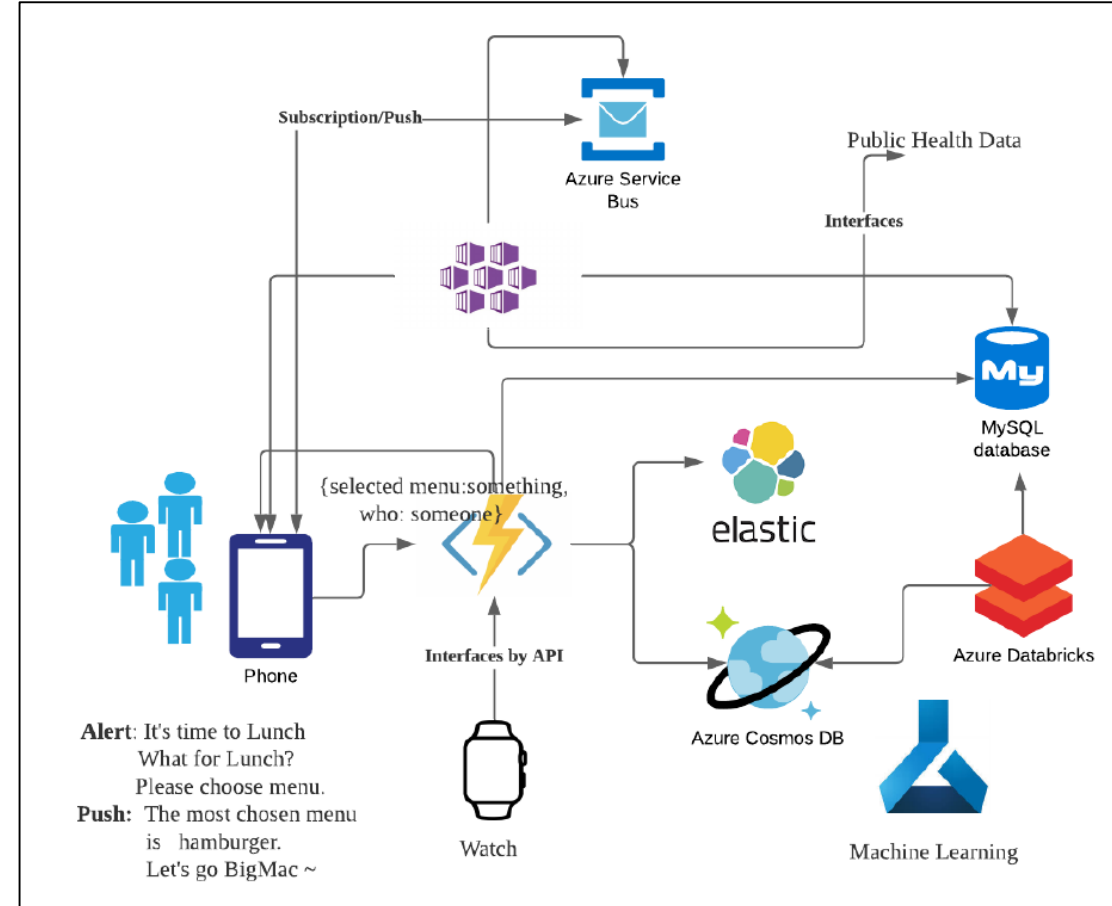
Lunch, Together

With Colleague by Slow Food

Open Call Idea

Lunch, Together With Colleague by Slow Food

- **Push Alert** to choose lunch menu with company colleagues (Mobile App)
- Record my lunch food patterns (for company guy)
 - Eat Alone?
 - Eat Together frequently?
 - Go walk after lunch?
- **Find the correlation of adult disease** by food pattern & stress (Human Relationship)
- Recommend Healthy Food by Geo Location (Slow Food)
- Recommend Athletes after interfacing with Health Care Devices (Watch etc)
- Game to choose charger for coffee break or lunch menu
 - Roulette
 - Ladder Game etc
- **Compare cumulated record** between food pattern and public health data ...



What to eat for lunch?

Lunch menu selection

Lunch Together

2021/04/04 (SUN)

☐ Cafeteria ☐ Chinese Restaurant
☐ Dunkin Donuts ☐ Indian Restaurant
☐ Italian Restaurant ☐ Japanese Restaurant
☐ Korean Restaurant ☐ McDonald ☐ Pub
☐ Starbucks ☐ Steak House
☐ Subway Sandwich
☐ Vietnamese rice noodles
☐ Etc

Name

- URL : lunch2.hyonsok.io
- Password : xxx

1 What?

☐ Cafeteria ☐ Chinese Restaurant
☐ Dunkin Donuts ☐ Indian Restaurant
☐ Italian Restaurant ☐ Japanese Restaurant
☒ Korean Restaurant ☐ McDonald
☐ Starbucks ☐ Steak House
☐ Subway Sandwich
☐ Vietnamese rice noodles

2 Who?

Simpson

DongIn Kwon
Hyonsok Shin
Min Kim
Praise Kim
Simpson

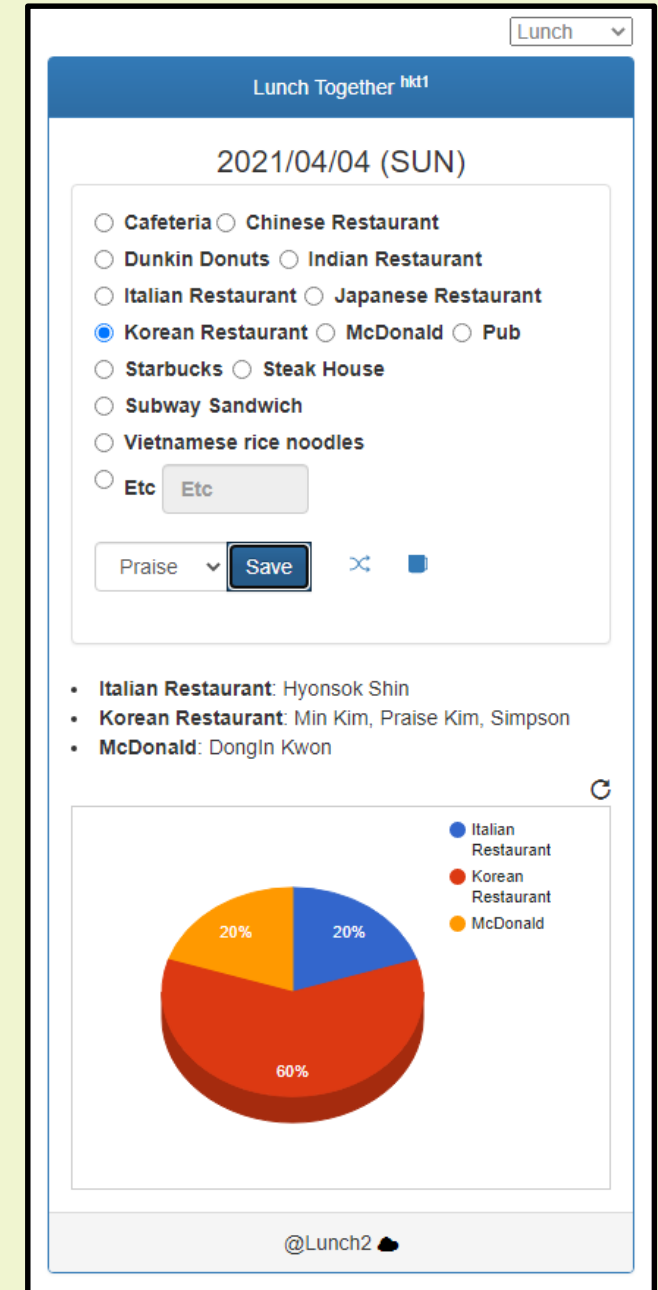
@Lunch2

3 Save

Simpson

@Lunch2

Menu Selection Result



With the game

When you have a choice disorder, when you need to bet

Lunch Together hkt1

2021/04/04 (SUN)

☐ Cafeteria ☐ Chinese Restaurant

☐ Dunkin Donuts ☐ Indian Restaurant

☐ Italian Restaurant¹ ☐ Japanese Restaurant

☐ Korean Restaurant³ ☐ McDonald¹ ☐ Pub

☐ Starbucks ☐ Steak House

☐ Subway Sandwich

☐ Vietnamese rice noodles

☐ Etc

Name Save

- URL : lunch2.hyonsok.io
- Password : xxx

1 Roulette Game

Subway Sandwich

Vietnamese rice noodles

me Save

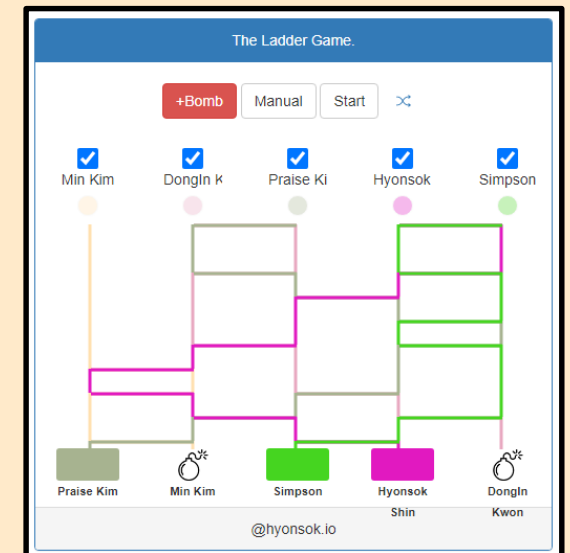
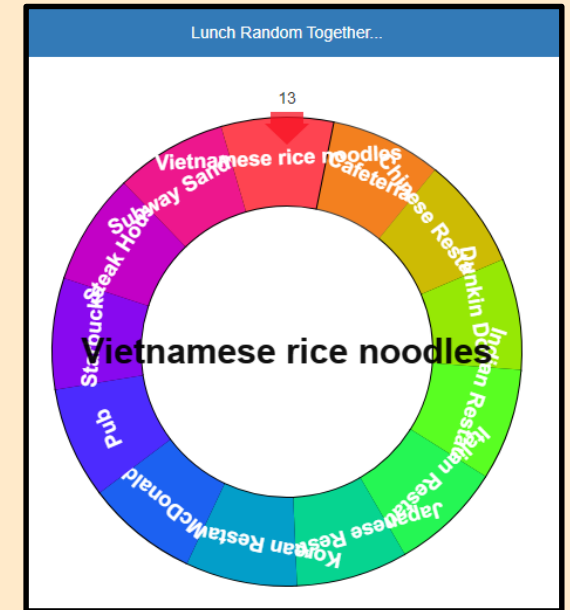
2 Ladder Game

Subway Sandwich

Vietnamese rice noodles

me Save

Game Result Screen



Admin

Admin Page

Admin Page

Add User/Restaurant/Project ...

Admin

- Project

hkt1 ▾

- Add Restaurant

Italian Restaurant Save

- Add User

Save

- Add Project

Save

- Food History

2021/04/04 Show

@Lunch2

1 Select Project

Admin

- Project

hkt1 ▾

2 Type Text

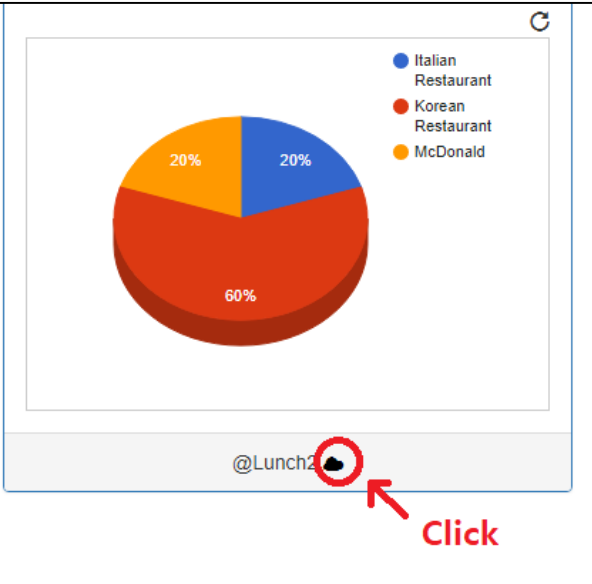
- Add Restaurant

Italian Restaurant Save

3 Press Save Button

- Add Restaurant


Italian Restaurant Save



Tech Stack
Azure - App Svc, Funtion App, AKS, ACR, Storage, CosmosDB, ML
Web - HTML, JQuery, Bootstrap, Google Chart
Lang. - Swift, Kotlin, Python, JAVA SpringBoot, HCL
Etc - PostgreSQL, Elastic Stack

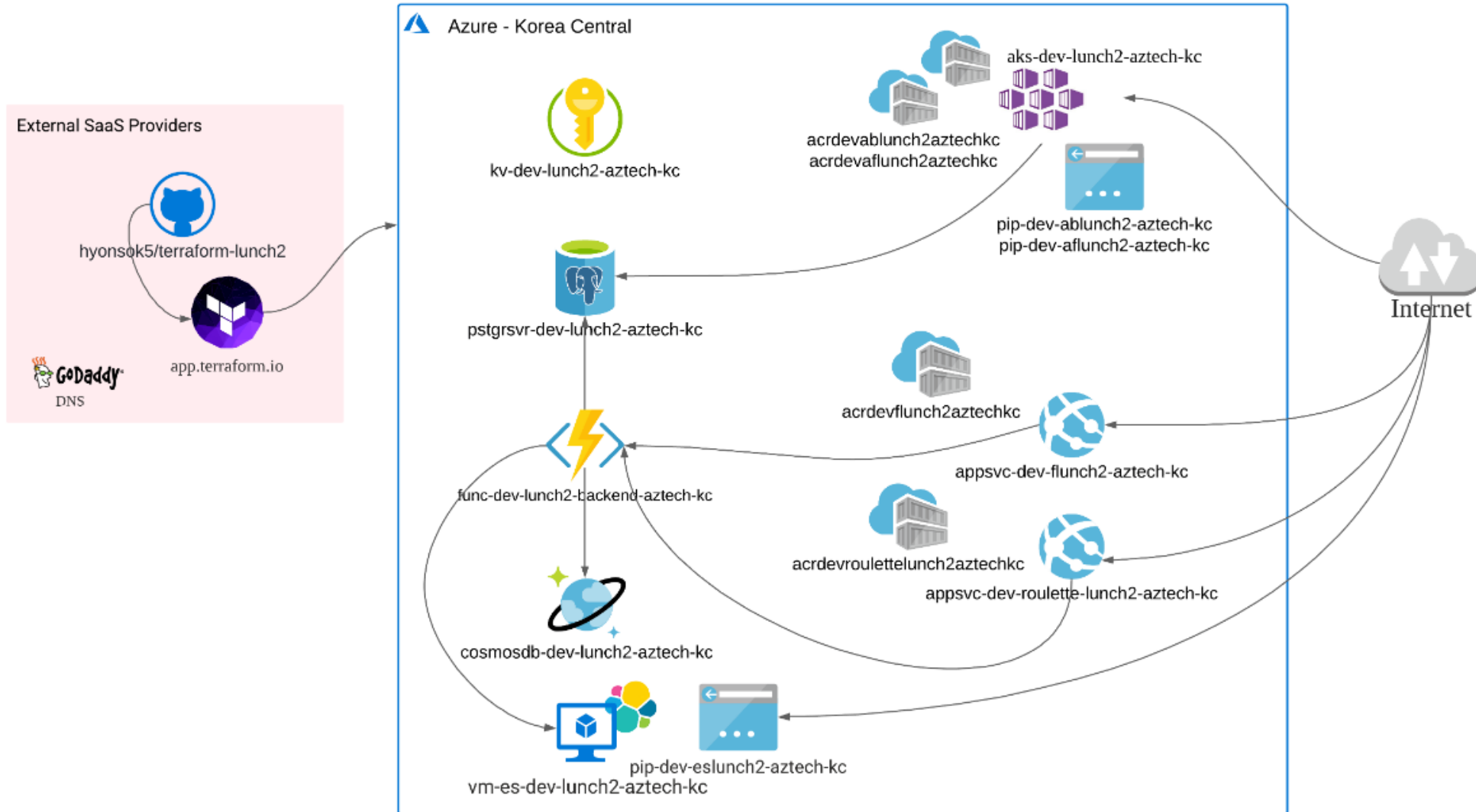
Issue Tracker
GitHub Android iOS

Admin
Go ~ Click

@Lunch2 

Architecture

As-is Architecture



<https://github.com/hyonsok5/terraform-lunch2>

Azure

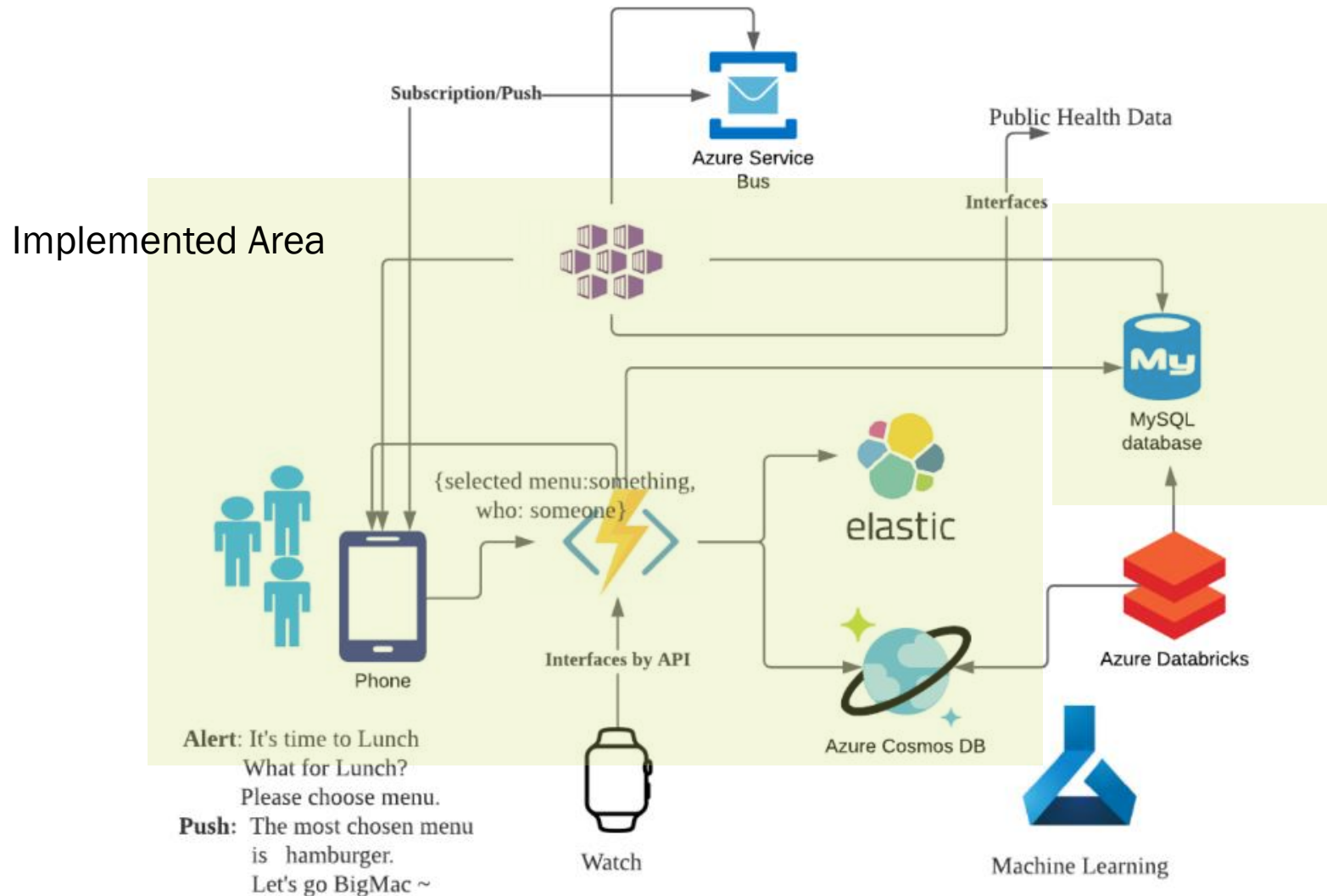
Azure PostgreSQL
Azure Function
Azure Cosmos DB
Azure Instance
Azure Kubernetes Services
Azure Container Registry
Azure App Service

External

Github
Terraform
Godaddy DNS

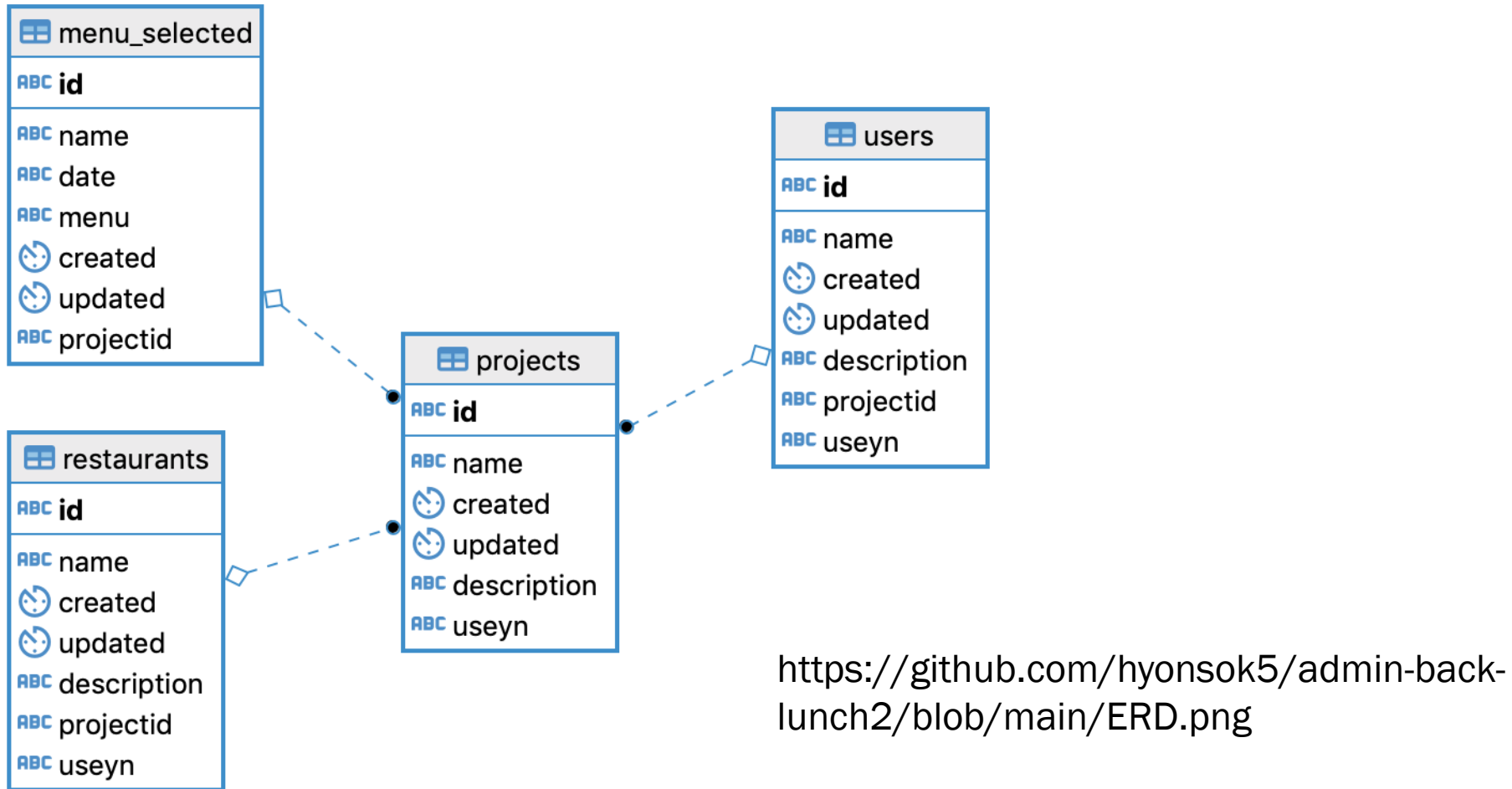
Architecture

Target Architecture



Entity-Relationship Diagram

Data Archi.



<https://github.com/hyonsok5/admin-back-lunch2/blob/main/ERD.png>

<https://github.com/hyonsok5/admin-back-lunch2/blob/main/ddl.sql>

PostgreSQL

• 5 Schema



Participants

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