

# FeedMe

Ben Voges - @Toblomoro  
Kaz Maune - @KazMaune  
Patrick Durian - @pjduri  
Urooj Bilal - @UroojB

# Description

FeedMe is a decision-making app for when you get hungry but just can't seem to decide on something to eat. Users will be able to keep an inventory of what foods are immediately handy, nearby establishments for takeout and delivery or what ingredients they have available for cooking and the app will pick an option at random for them.

When hunger strikes, the goal of FeedMe is to customize, simplify or downright remove the decision-making process.



# Features

Users who are not logged in can:

- Create up to six columns containing lists of what's available on hand /nearby based on their own title/locality. Those columns are saved to local storage, and each column has a button to randomly select an item from the column.
- Create an account and log in.

Logged in users can:

- Save their columns to a database
- Save multiple column layouts based on whether they are at home, work, or really based on any other criteria.
- Access our own Edamam-powered "What's in the Fridge" app to list the ingredients they have available for cooking and retrieve a random recipe based on that search criteria.
- There will also be a list of twenty more random recipes to peruse.



# Planning - User Stories

- Neil Gaiman and Mark Zuckerberg
- Living with neurodivergence is often accompanied by that sort of decision paralysis, and it is from this experience that the idea for FeedMe was born. However...
- This project is really for anyone who...
  - Is hungry at work with a pile of tickets that need to be pushed through NOW
  - Gets hungry and don't remember what we have on hand or just don't know what sounds good
  - Has multiple children who are arguing over what to eat
  - Is in my D&D group every Tuesday evening



# Planning - Database

- Users Table - stores user information, including encrypted password, username, email address and associated columns and layouts
- Choice Columns Table - this is where users store their lists of quick options for food
- Column Layouts Table - this is where users store multiple layouts of columns
- Columns and layouts are only accessible to logged in users
- Controllers in our backend also connect us to Edamam's database



# Technology Stack

## Front End

- Typescript
- Angular
- Bootstrap

## Back End

- Java
- Spring Boot
- Spring Security
- Hibernate
- MySql
- Json Web Tokens

## Environments

- IntelliJ
- VS Code
- Insomnia REST Client

## External API call

- Edamam Food Database



# Demo



# What We Learned

- Hooking up a custom api into our apps backend and querying it in our front-end
- Angular routing and Query params
- Json Web Tokens for communicating with and setting up a stateless backend for our user auth
- Deeper dive into Spring Security and retrieving user information to associate created objects with logged in users
- Having our backend api consume an external api
- Preserve user authentication on page refresh
- Co-authoring commits
- Teamwork!





# What's Next

- Give users the ability to store their ingredients inventory rather than needing to type in their ingredients every time they want to search for recipes
- Give the users the ability to save references to their favorite recipes (within the bounds of what Edamam allows us to store on our database - id and name)
- Work in exclusions (allergies etc)
- Give users the ability to open up Google Maps searching for results of order-out related columns
- Maybe wire in other apis (Doordash etc) to allow users to order food directly from the app



# Thank you!

