Android APP

# YUMMY CHINA

**Sharing the taste from memory**

Xinyi Feng
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Professor: Mark Miller

# 01
# OVERVIEW

Goals and Rationale

# Overview

### Goal
A Platform for users who love Chinese Food/Culture, sharing their food moments, and learning about authentic food.

### Rationale
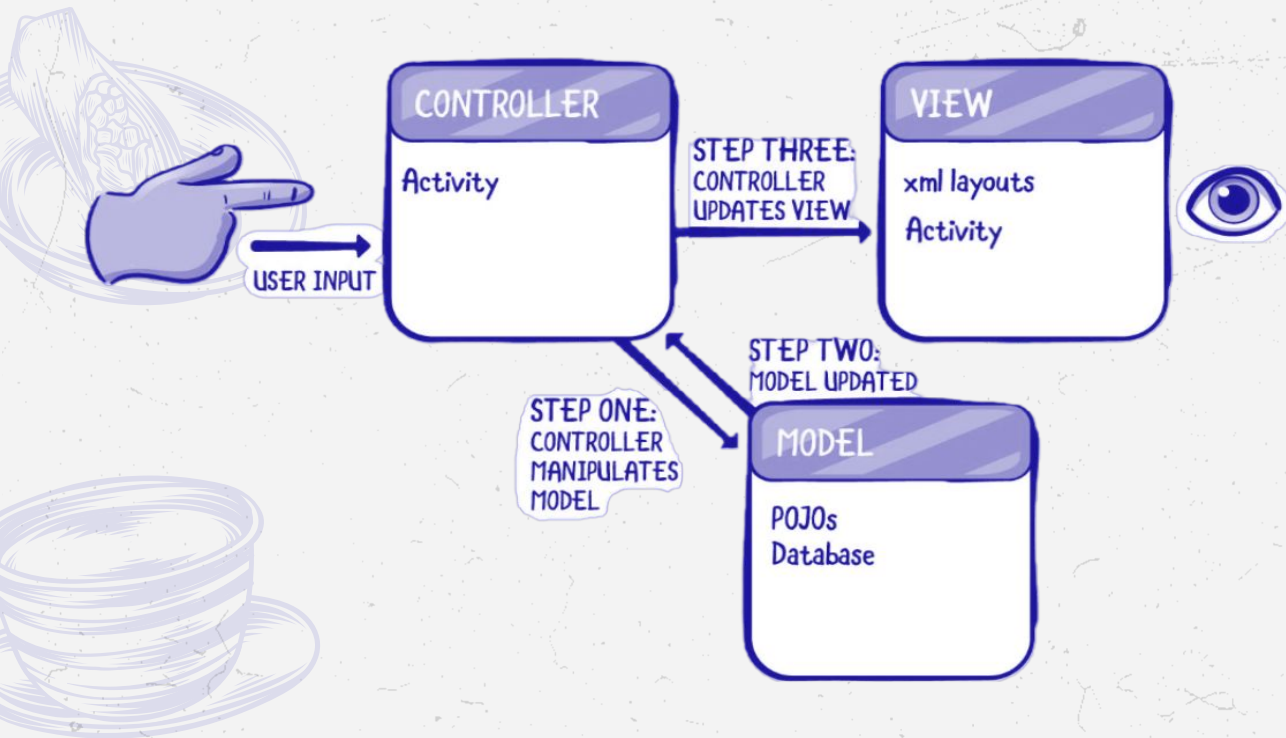Integrate my love of food into the project. Preserve/Spread Chinese Food Culture.

# 02
# Methods

Architecture Choice: MVC

# Methods



CONTROLLER

Activity

VIEW

xml layouts

Activity

STEP THREE:
CONTROLLER
UPDATES VIEW

USER INPUT

STEP TWO:
MODEL UPDATED

STEP ONE:
CONTROLLER
MANIPULATES
MODEL

MODEL

POJOs
Database

- **app**
  - > manifests
  - ∨ java
    - ∨ com.example.yummychina
      - ∨ activity
        - © CityCategoryActivity
        - © CreatePostActivity
        - © DetailsActivity
        - © FoodStoryActivity
        - © LoginActivity
        - © PostDetailActivity
        - © RecipeActivity
        - © ShanghaiActivity
        - © SignUpActivity
        - © SplashScreenActivity
        - © ViewPostsActivity
        - © ViewRestaurantsActivity
      - > adapter
      - ∨ model **+ Firebase**
        - © Comment
        - © PopularFood
        - © Post
        - © TimeHorneredFood
        - © User
      - > com.example.yummychina (androidTest)
      - > com.example.yummychina.model (test)
    - > java (generated)
  - ∨ res
    - > anim
    - > drawable
    - > font
    - ∨ layout
      - activity_city_category.xml
      - activity_create_post.xml
      - activity_details.xml
      - activity_food_story.xml
      - activity_login.xml
      - activity_post_detail.xml
      - activity_recipe.xml
      - activity_shanghai.xml
      - activity_sign_up.xml
      - activity_splash_screen.xml
      - activity_view_posts.xml

# 03
# FINDINGS

Challenges and Solutions

# Findings

**Challenges: (Start from zero)**

Construct a framework

Implement features

Details handling

**Solvings:(Learn from zero)**
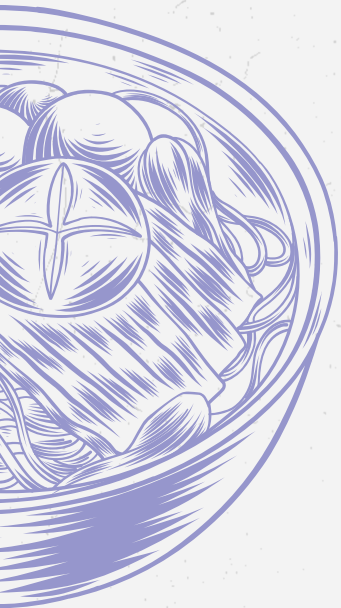
Stand at the position of Users'.

Focus on the core function, then extend it.

Be a perfectionist. Keep revising.

# 04
# LIMITATION

AND FUTURE
EXTENSIONS

# Limitation

**Architecture:**

MVC architecture needs improvement.

**Features:**

Need further completion and improvement.

**Contents:**

Ensure the correctness and completeness.

**UI:**

Chinese-style design / Detail improvement.

**Tests:**

Unit Tests/ Instrumentation / UI

# REFERENCE

✏️ **Docs/Videos**

Android studio official doc
Android studio course for beginners
Firebase course for beginners

✏️ **Photos/Icons**

Food photos library
Icons of city
Icons of food

✏️ **Tool pack**

Android Studio
Firebase
Adobe Illustrator

# YUMMY CHINA

# THANKS!

**Do you have any questions?**

feng.xinyi@northeastern.edu

https://github.com/FentPams