

# eDocent

**Group5 - Iteration 1**

# Outline

- Recap of first iteration goals
- Web portion
  - Database design
  - Admin and Web API
- Android Frontend
  - Current Progress
  - Architecture
  - Future Work
- Demo

# First Iteration

## Goal:

Museums will be able to add all their information including address, hours, tour times, and special exhibits. A REST protocol will communicate with the Android application, and the Android interface will provide a visual of museum information.

# First Iteration

What we have done:

## Web Application:

- basic database structure (museum and art models and their properties)
- museum users can create museum and art objects
- A web API that queries the database

## Android Application:

- Call the API, get JSON responses, parse them and display the museum information to the Android application users.

# Modeling and Database

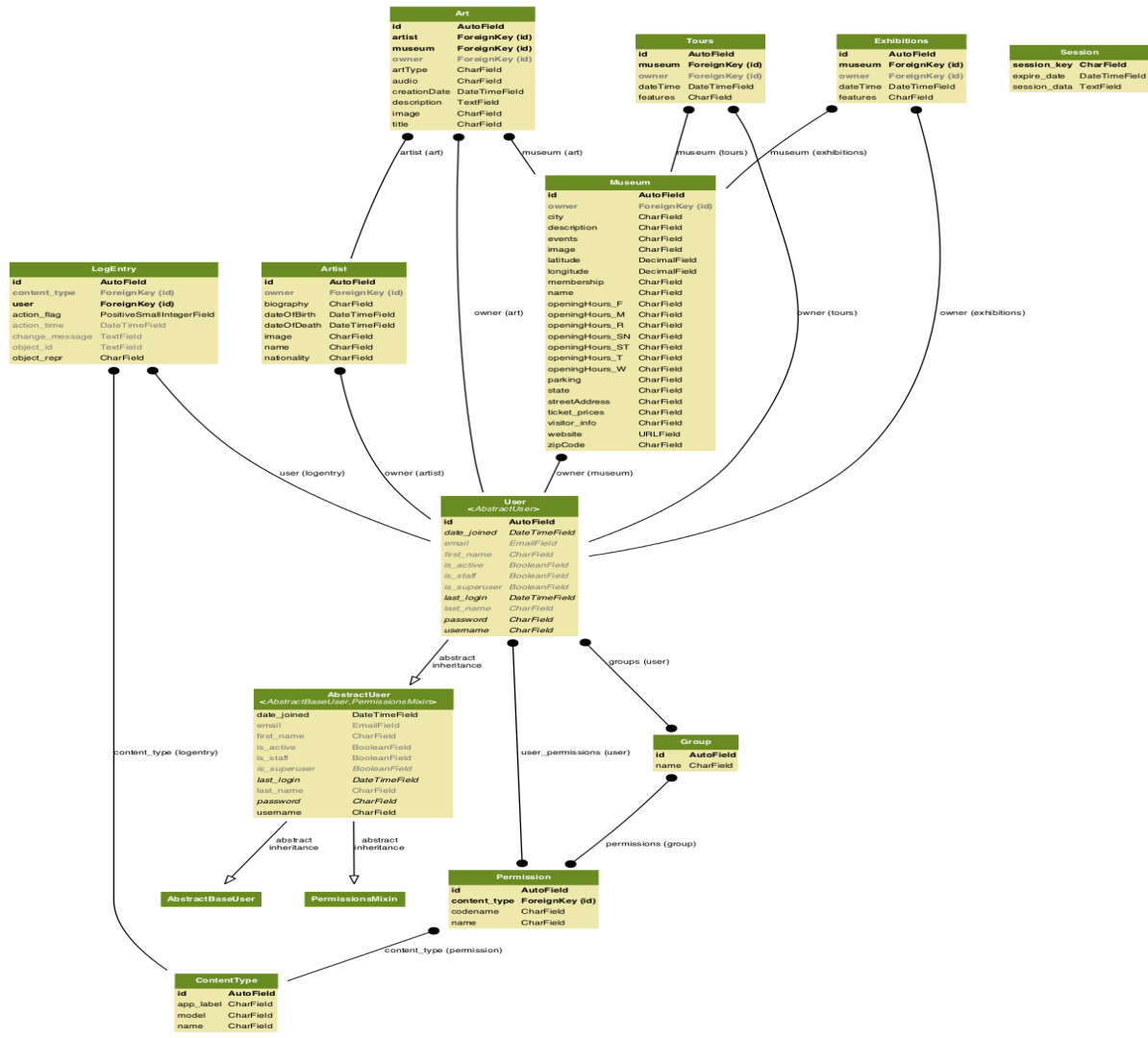
Five Main Tables (Museums Data):

- Museum Table (one entry for each museum)
- Art Table (one entry for each piece)
- Artist Table (one entry for each artist)
- Exhibitions Table
- Tours Table

# Modeling and Database

Other Tables for Controlling Users Accounts:

- User
- Log Entry
- Permission
- Content Type
- Abstract User



# Admin and Object Creation

## Site administration

Curator	
Artists	<a href="#">+ Add</a> <a href="#">✎ Change</a>
Arts	<a href="#">+ Add</a> <a href="#">✎ Change</a>
Exhibitionss	<a href="#">+ Add</a> <a href="#">✎ Change</a>
Museums	<a href="#">+ Add</a> <a href="#">✎ Change</a>
Tourss	<a href="#">+ Add</a> <a href="#">✎ Change</a>

## Recent Actions

### My Actions

[+ Philbrook Museum of Art](#)  
Museum



## Add museum

Name:

StreetAddresses:

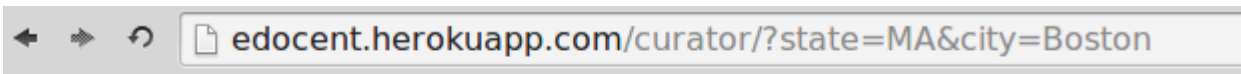
City:

State:

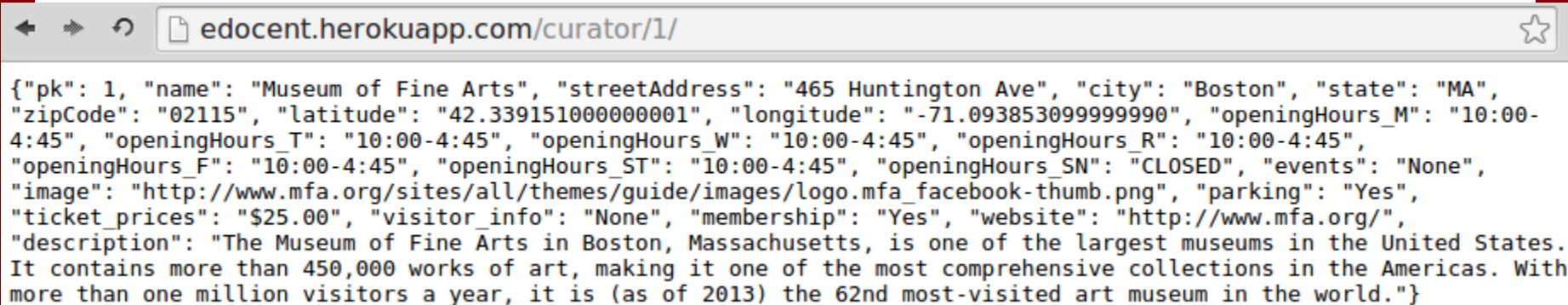
ZipCode:

OpeningHours M:

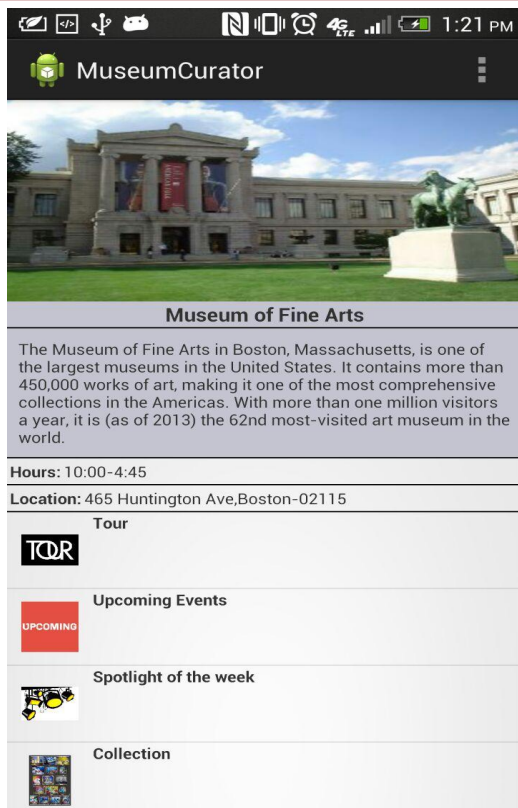
# Web API



['Institute of Contemporary Art : 3', 'Museum of Fine Arts : 1']



# Android Frontend

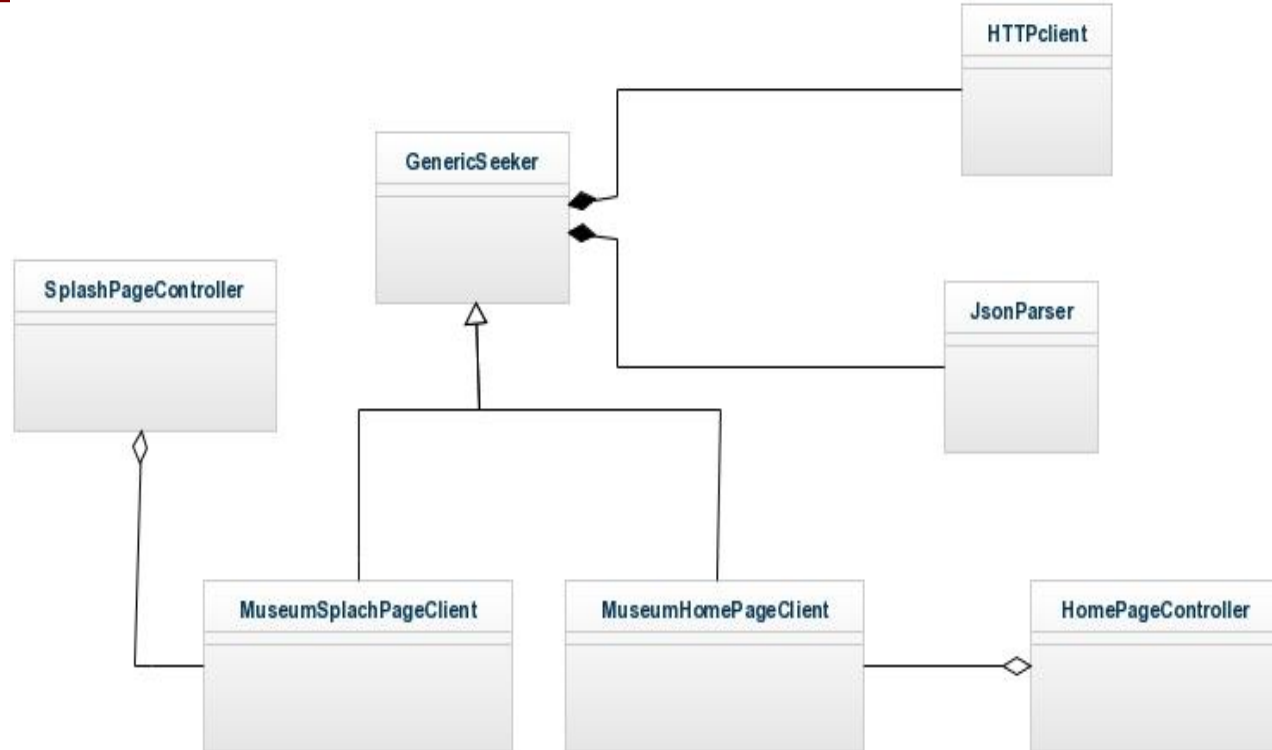
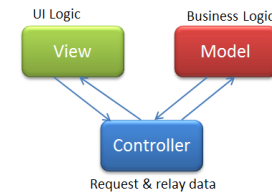


Current  
Progress



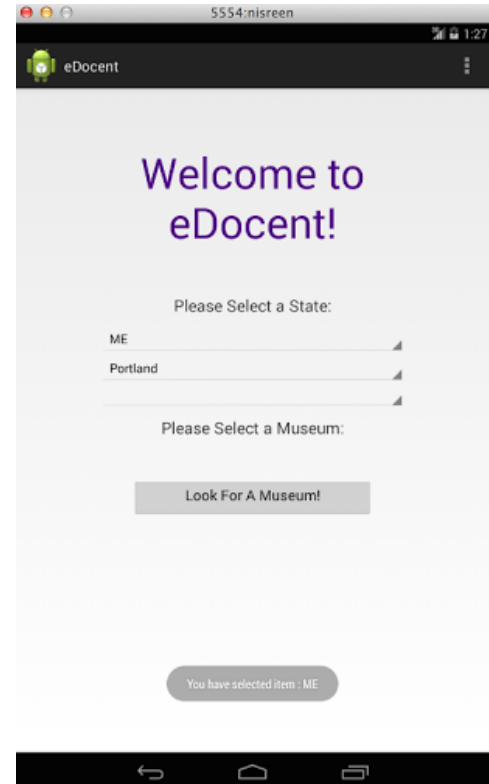
Click on  
Collections

# MVC Architecture



# Future Work

- 1) Splash Page
- 2) Art Works Page
- 3) Trigger events from the homepage



# Demo

# Questions?