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 communicating with 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

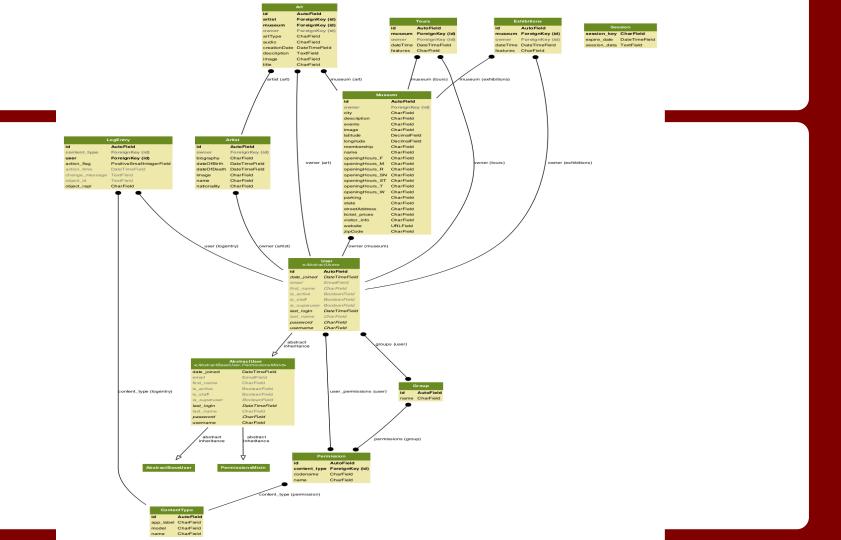
Five Main Tables (Museums Data):

- 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

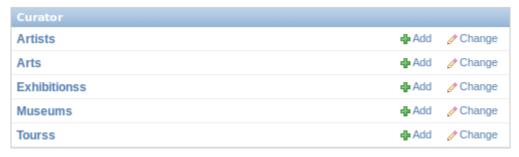
Other Tables for Controlling Users Accounts:

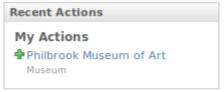
- User
- Log Entry
- Permission
- Content Type
- Abstract User



Admin and Object Creation

Site administration





Add museum

Name:	
StreetAddres s:	
City:	
State:	
ZipCode:	
OpeningHour s M:	

Web API

dedocent.herokuapp.com/curator/1/

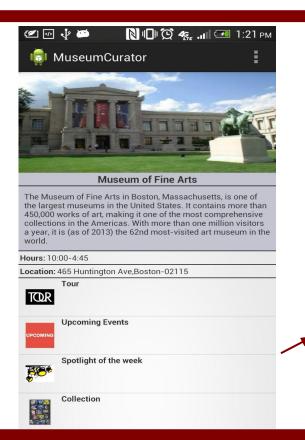
◆ → • • docent.herokuapp.com/curator/?state=MA&city=Boston

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

```
{"pk": 1, "name": "Museum of Fine Arts", "streetAddress": "465 Huntington Ave", "city": "Boston", "state": "MA", "zipCode": "02115", "latitude": "42.3391510000000001", "longitude": "-71.093853099999999", "openingHours_M": "10:00-4:45", "openingHours_T": "10:00-4:45", "openingHours_W": "10:00-4:45", "openingHours_R": "10:00-4:45", "openingHours_F": "10:00-4:45", "openingHours_F": "None", "events": "None",
```

"openingHours_F": "10:00-4:45", "openingHours_ST": "10:00-4:45", "openingHours_SN": "CLOSED", "events": "None", "image": "http://www.mfa.org/sites/all/themes/guide/images/logo.mfa_facebook-thumb.png", "parking": "Yes", "ticket_prices": "\$25.00", "visitor_info": "None", "membership": "Yes", "website": "http://www.mfa.org/", "description": "The Museum of Fine Arts in Boston, Massachusetts, is one of the largest museums in the United States. It contains more than 450,000 works of art, making it one of the most comprehensive collections in the Americas. With more than one million visitors a year, it is (as of 2013) the 62nd most-visited art museum in the world."}

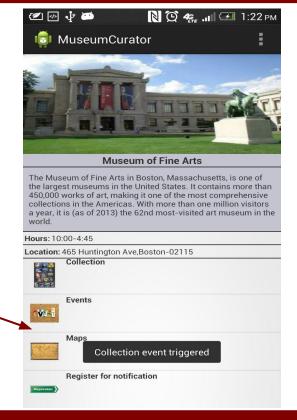
Android Frontend



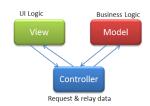
Current Progress

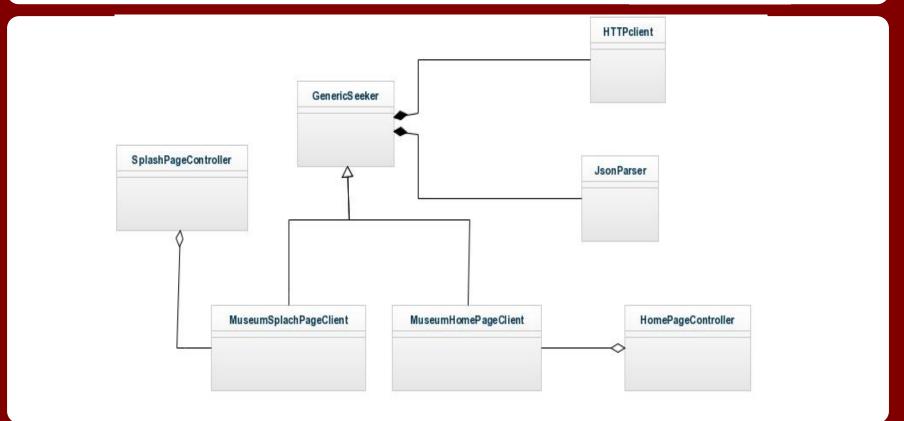
Click on

Collections



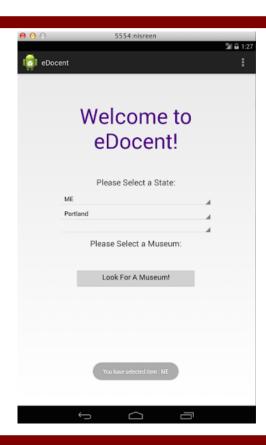
MVC Architecture





Future Work

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



Demo



Questions?