San Francisco State University School Project

SW Engineering CSC667/867 Spring 2019

EventUp

Team 4

https://github.com/csc667-02-sp19/csc667-sp19-Team04

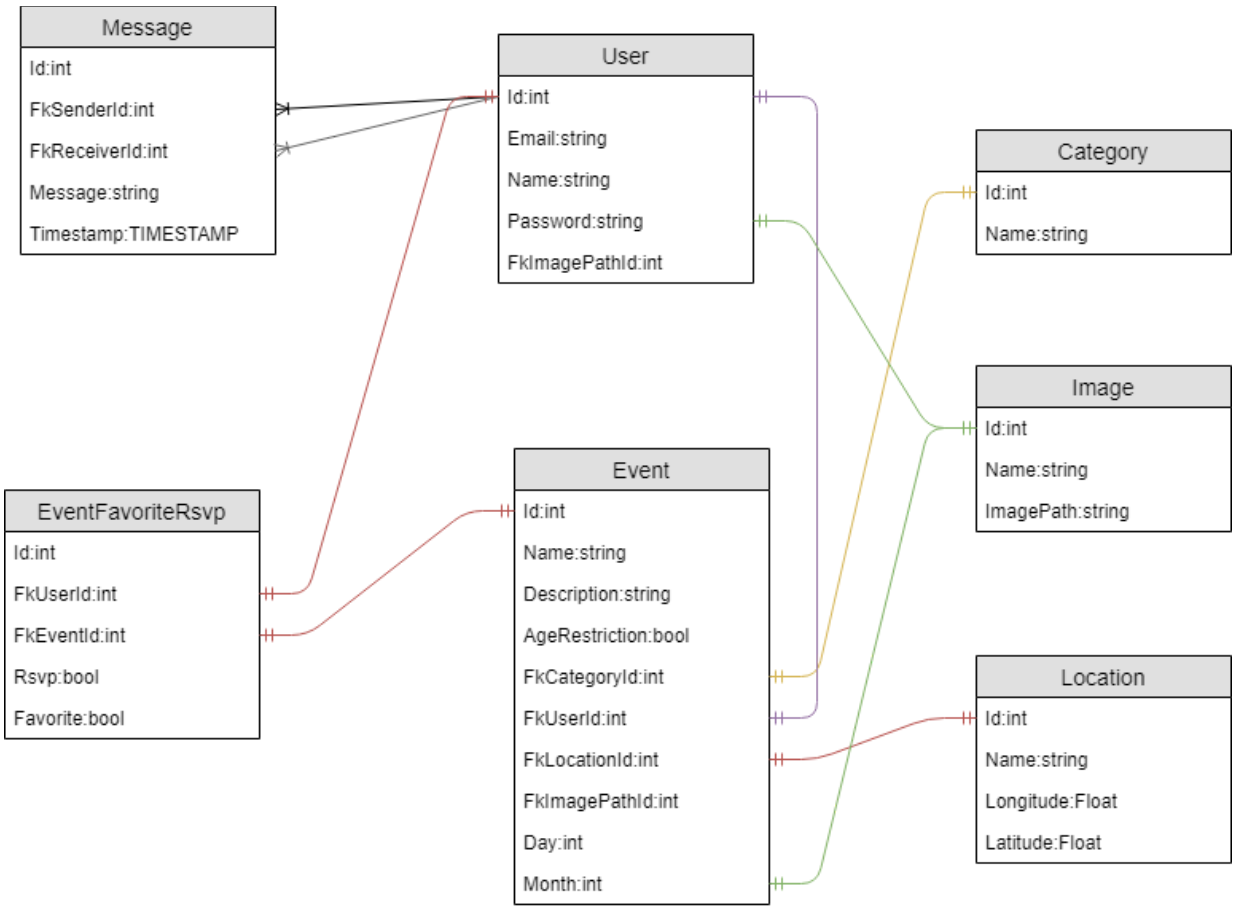
Cory Lewis(Team Lead, clewis9@mail.sfsu.edu)
Mitul (GitHub Master)
Chintan Sanjay Puri
Alex Wolski
Vincent Santos

Milestone 3

03/30/19

1. Definitions of operations for database entities

- Register: POST request that passes user information and creates a User in the database
- Login: POST request that creates a ‘session’ between the user and the server via their User information and token.
- Profile Update: PATCH request that updates some User information
- Event Post: POST request that creates an Event in the database
- Grab Event(s): GET request that returns an Event or list of Events
- Event Update: PATCH request that updates some Event information
- RSVP: POST request that allows the user to signal attendance for an event ahead of time by creating an entry in the Flag table
- Get Attendees: GET request that returns all the Users who RSVP’d for an event, to inform the event host. Attendees are retrieved through associated Flag entries
- Get Reservations: GET request that returns all the current Events a user has RSVP’d for. Reservations are retrieved through associated Flag entries
- Message Send: POST request which creates a new entry in the Message table with the two associated users
- Event Expired: DELETE request that removes the expired Event from the database
- User Delete: DELETE request that deletes a User from the database



Relational Database Diagram. Most tables have a 1 to 1 relationship. The User to Message table has a 1 to many relationship.

2. Define routes for MVC structure (express Rest API routes)

post auth/signup

Purpose:
The user sends their name, e-mail, and password in the html body.
Then the API will create an account with that information.

Reponse:
If the signup succeeds,
res.send("Succeeded");

If the signup fails,
res.status(400).send("Account with that email already exists")

post auth/signin

Purpose:
The user sends their Email and password in the html body.
Then the server returns an authentication token that grants access.

Response:
If the login succeeds,
res.send(authToken);

If the login fails,
res.status(401).send("invalid Email/password");

get api/events

Purpose:
Get a list of events.

Response:
Returns a json object containing all of the events to be displayed.

Json structure:

Int Id;
String Name;
String ImageName;
String ImageURL;
Bool AgeRestriction;
Int Month;
Int Day;

get api/events/:id

Purpose:
Get more information on a specific event.

Response:
Returns a json object containing the information.

Json structure:

Int Id;
String Name;
String Description;
String Category;
String ImageName;
String ImageUrl;

String Address;
Bool AgeRestriction;
String Date;
Int Day;
Int Month;
Float Longitude;
Float Latitude;

get api/events/:categoryid

Purpose:
Get a list of events that are a certain category.

Response:
Returns a json object containing all of the events of that category.

Json structure:

Int Id;
String ImageName;
String Name;
String ImageUrl;
Bool AgeRestriction;
Int Month;
Int Day;

post api/Rsvp/:id

Purpose:
Get the events the user is going to attend.

Response:
Returns a json object containing all of the events.

The Json object has the same structure as the events request.

Get api/eventMap

Purpose:
Get the locations of all of the events near SFSU

Response:
Returns a Json with all of the locations.

Json structure:

Int Longitude;
Int Latitude;
Int EventId;

Get api/profile/:id

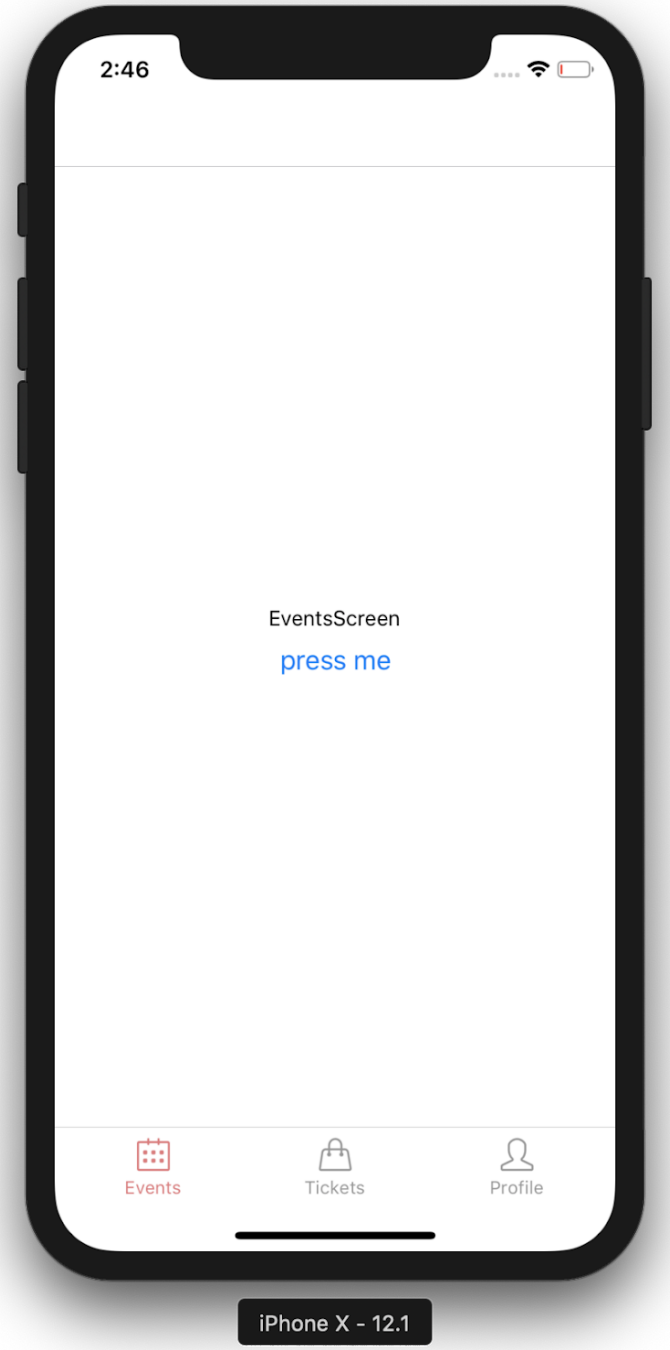
Purpose:
Get the user's information.

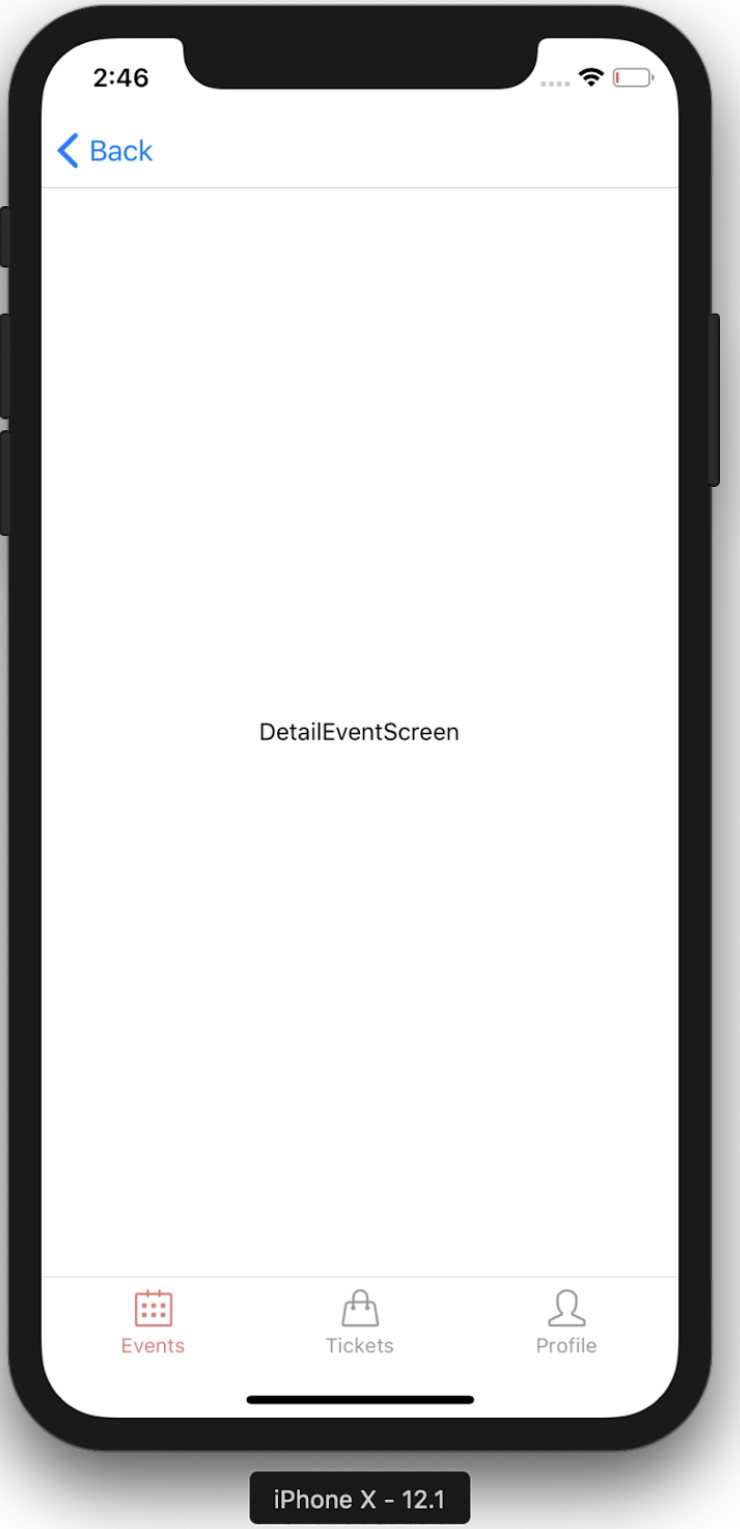
Response:
Returns a Json object with the information.

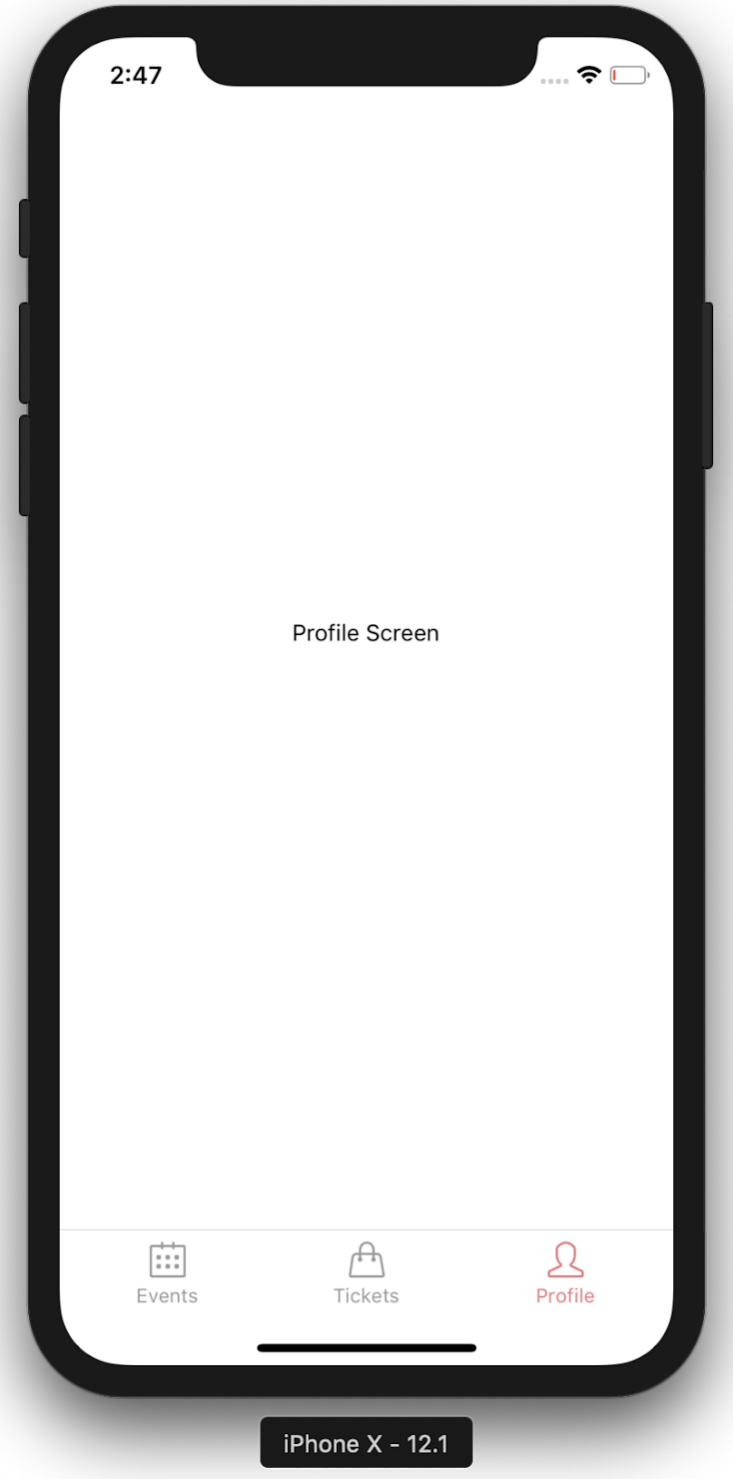
Json structure:

String Name;
String Email;
String ImagePath;

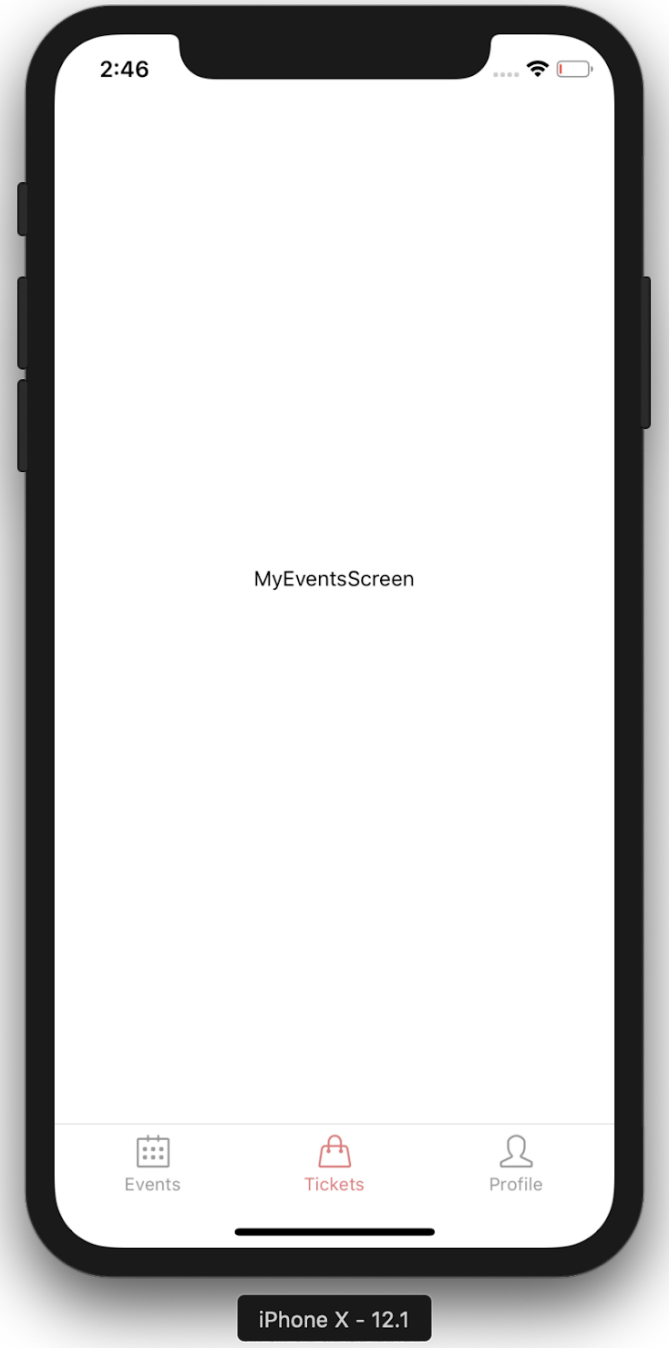
3. Implemented Wireframes




2:46
Back
DetailEventScreen
Events
Tickets
Profile
iPhone X - 12.1



iPhone X - 12.1



- The only views not created are ‘Favorites’, and ‘MAP’. Currently we have the minimum viable product