

CSC667/867 Spring 2019

EventUp

Team 4

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

Cory Lewis (Team Lead, [clewis9@mail.sfsu.edu](mailto:clewis9@mail.sfsu.edu))

Mitul (GitHub Master)

Chintan Sanjay Puri

Alex Wolski

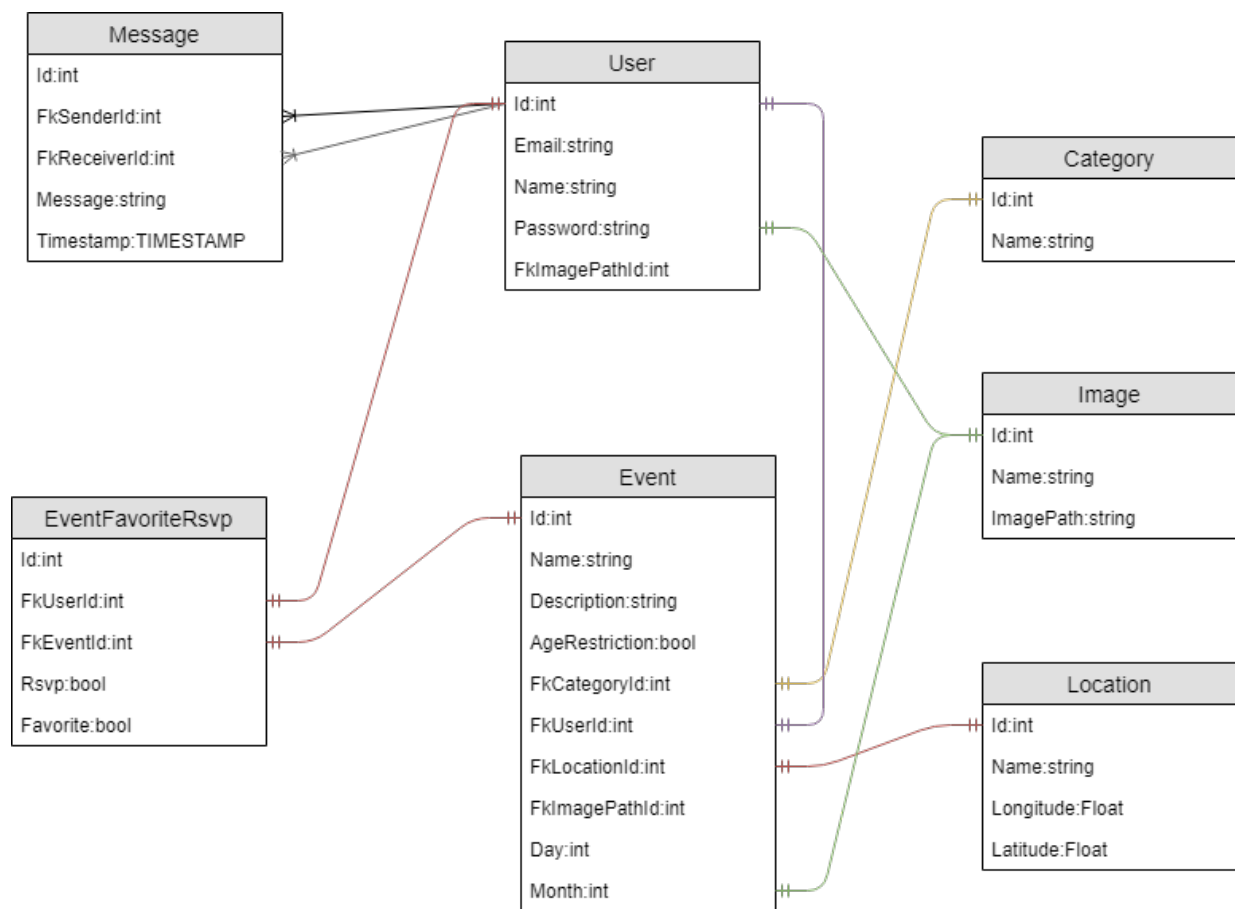
Vincent Santos

Milestone 3

04/05/19

## 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.

Response:

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 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 an array of json objects containing all the events for 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 an array of Json objects with all 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;

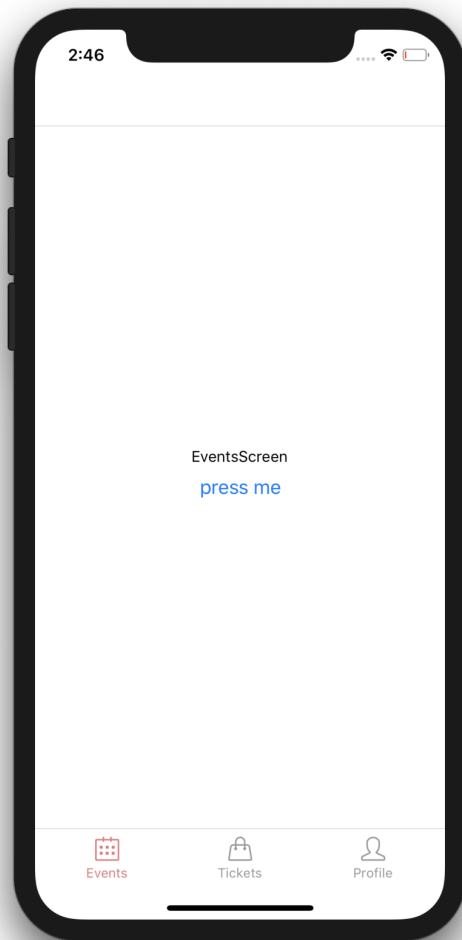
String Email;

String ImagePath;

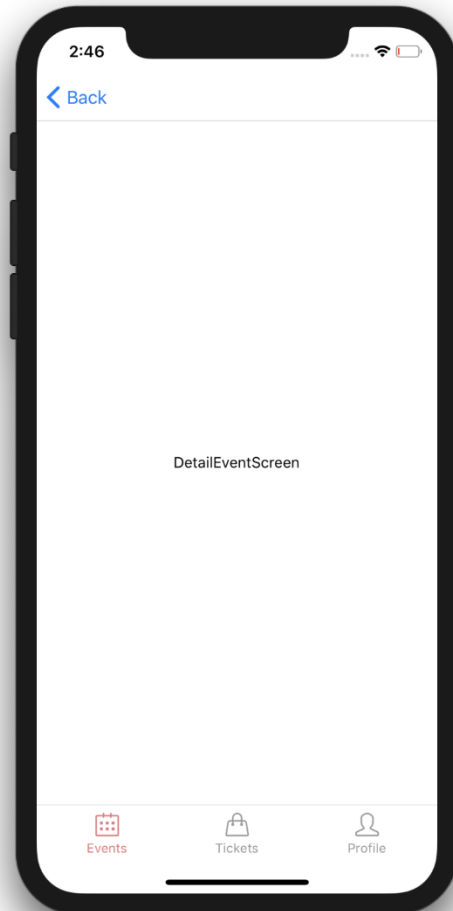
### 3. Implemented Wireframes

- The only views not created are 'Favorites', and 'MAP'.

Events Screen and Event Details Screen



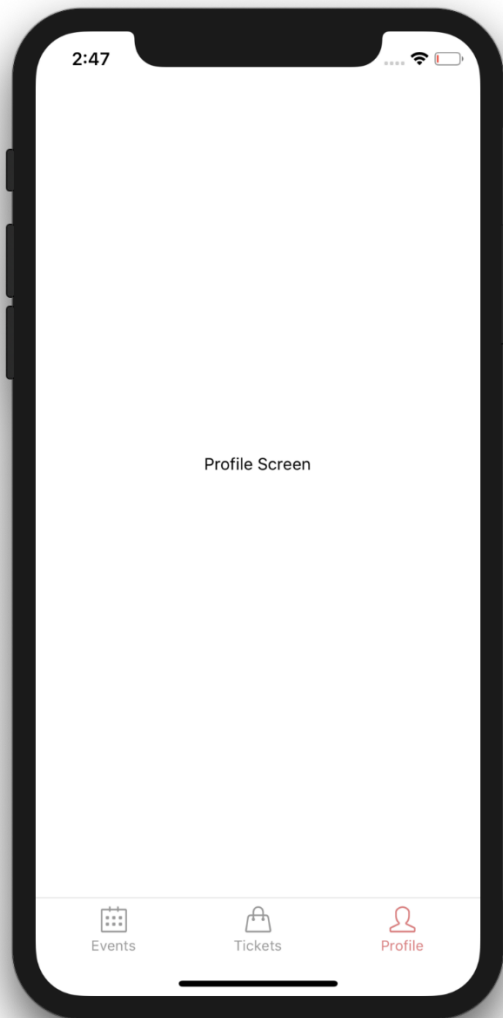
iPhone X - 12.1



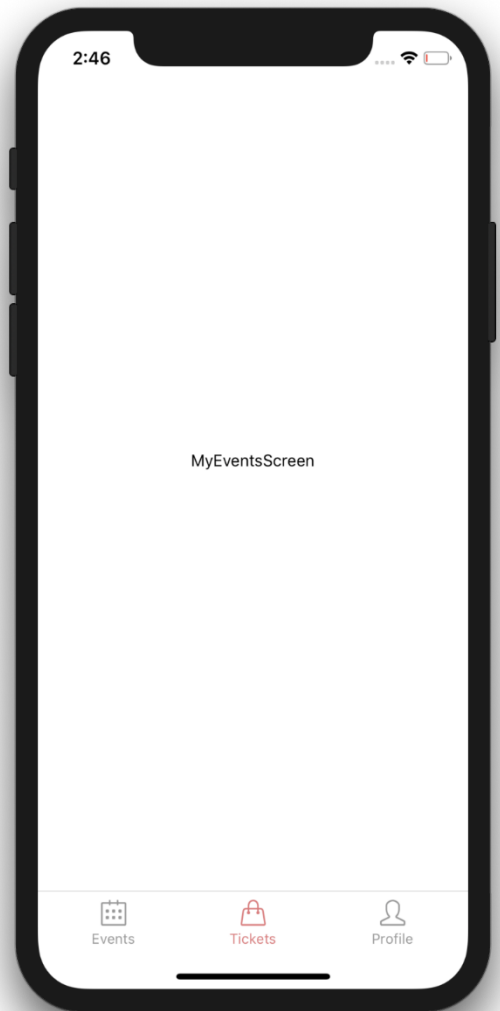
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## Profile Screen, and RSVP'd events screen



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