# Final Project: Events App

## Bandsintown API and Google Maps API

### Homepage:

* Render’s events by artist name.
* Users can search the events of their favorite artist by name (form input for search)
* Users can select the event by clicking on it and it will go to event detail page
* Users can add their favorite events in the list or delete if no longer required (database)

### Event details page:

* Render’s full detail related to the selected event.
* Event detail – artist name, event title, date and time, description, banner image.
* Venue detail – name, city, region, country
* Ticket detail – types of ticket, status(availability), link to where user can buy the tickets

### Location page:

* render the selected event’s venue location on the google maps

**Project Proposal Template**

* A FE built with React.js
  + Signup page
  + Signin page
  + Home page
  + Event detail page
  + Location page
  + Events component will get data from backend via fetch call, and it expects to get object with event’s list, venue detail.
  + Location component will get data from googlemaps api and it expects to get object with address, lat and lng
* A BE built with Node.js
  + .get – get artist information by artist name
  + .get – get events by artist name
  + .get – get events by artist ID
  + .get – get event’s detail by artist name
  + .post – add event to favorite list
  + .post – add login information to database
  + .patch – to update the list like(is visited: true/false) etc.
  + .delete – delete the event from favorite list once visited, or no longer want to visit the event.
* A database using MongoDB
  + Database: Events app
  + Schema: Users, events, favorite list
  + Check If valid signin by (username and password stored in database
  + Get event’s and venue’s data
  + Get favorite event’s list
* The use of an API
  + Bandsintown API and Google Maps API