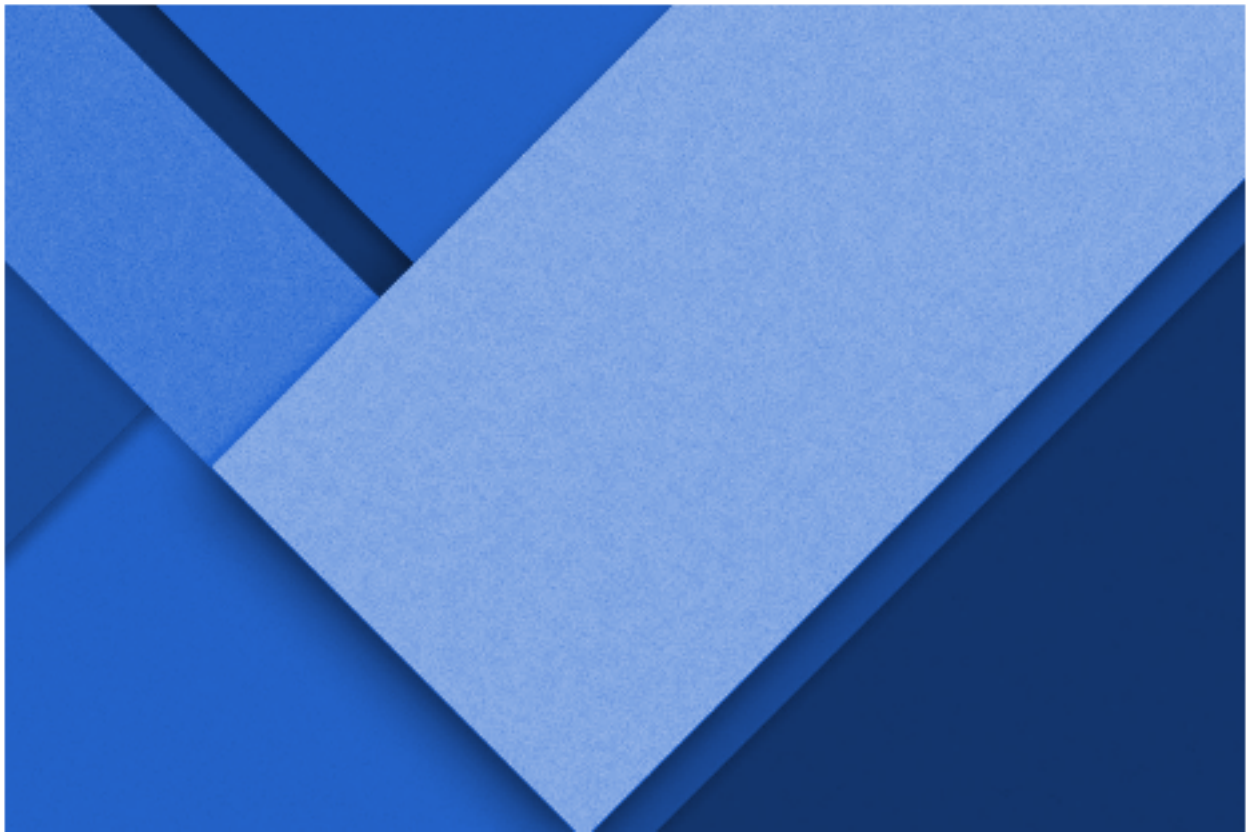

# Deliverable 1

13.03.2020

Houston Rockets
SENG2021
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## Problem Statements

1. There is no event tracking application that includes the forecasted weather on the event date, resulting in the user having to spend extra time manually searching for the weather.
2. There is no event tracking application that includes travel directions to the event or scheduled public transport delays (such as trackwork) which will significantly impact the user's travel to the event.
3. Current event tracking applications do not display any information regarding the quality of the venue such as user reviews or ratings.
4. Current event tracking applications do not provide an easy way to apply multiple search filters such as genre, date, location, and artist/team making it difficult for users to explore/search for events.
5. Current event tracking applications do not provide an efficient method to keep track of all events a user is interested in and display updates related to those events

## Features

1. Search event by
    a. name
    b. date
    c. artist/team
    d. genre/type
    e. location
2. Display weather for event date and location on event page
3. Display 5 star rating system for event location on event page
4. Display travel directions on event date from user inputted location on event page
5. Display event ticket price ranges
6. Link to purchase tickets on external site
7. User can register an account

8. User can login to their registered account
9. User can favourite events to track prices/updates when logged in
10. User can reset password using their registered email

## User Stories

**(1A) Feature**: Search event by keyword/name

**As a**: teenager

**So that**: I can easily find an event spread by my year group

**I want to**: search for upcoming events by using keywords

**Scenario:**

**GIVEN** that I am on the homepage of “EventMaster”

**WHEN** I type “Rolling” into the search field in the menu bar

**AND** I press the “Search” button

**THEN** I should be on the “Results” page

**AND** I should see a list of all the events that include the keyword “Rolling” in a paginated format with 25 results per page

**WHEN** I click on the right arrow symbol at the bottom of the page

**THEN** I should be on the second “Results” page

**(1B) Feature:** Search event by date

**As a:** working adult

**So that:** I can identify upcoming events that fit into my busy lifestyle

**I want to:** search for upcoming events by their date

**Scenario:**

**GIVEN** that I am on the “Musicals” page

**THEN** I can see a list of musical events that are happening on the current and following dates

**AND** there is a calendar display on the left hand side of the page showing the current month and the current date highlighted

**WHEN** I click on the right-pointing button on the calendar

**THEN** the calendar will display the next month

**WHEN** I click on a date in the calendar

**THEN** the list of “Musicals” will show all musicals on and after the selected date

**(1C) Feature:** Search event by artist

**As an:** avid listener to rap

**So that:** I can find events hosted by my favourite artists

**I want to:** search for upcoming events by performing artists

**Scenario:**

**GIVEN** that I am on the homepage of “EventMaster”

**WHEN** I type “Lil Uzi” into the search function at the top of the page in the menu bar

**AND** I press the “Search” button

**THEN** I should be on the “Results” page

**AND** I should see a list of all the upcoming events where “Lil Uzi” performs in, in a paginated format with 25 results per page, in chronological order

**(1C) Feature:** Search event by team

**As a:** Houston Rockets fan

**So that:** I can identify upcoming games that my favourite team plays in

**I want to:** search for upcoming games by teams

**Scenario:**

**GIVEN** that I am on the homepage of “EventMaster”

**WHEN** I type “Houston Rockets” into the search function at the top of the page on the menu bar

**AND** I press the “Search” button

**THEN** I should be on the “Results” page

**AND** I should see a list of all the upcoming events where the team “Houston Rockets” plays in, in a paginated format with 25 results per page, in chronological order

**(1D) Feature:** Search by genre/type

**As a:** sports analyst

**So that:** I can find sporting events that I can analyse

**I want to:** search for events by their genre/type

**Scenario:**

**GIVEN** that I am on the homepage of “EventMaster”

**WHEN** I click on the “All Sports” tab in the menu bar at the top of the page

**THEN** I will be on the “All Sports” page which shows upcoming sporting events in a paginated format showing 25 results per page, in chronological order

**AND** there are options in the “Filters” side panel with different sports I can select under “Category/Genre” heading

**WHEN** I click the “Basketball” filter in the side panel

**THEN** the list of events will be filtered to show only basketball related events in a paginated format showing 25 results per page

**AND** there are buttons at the bottom of the page each showing a number from “1” to however many pages exist

**AND** with a left arrow button on the left of the page buttons, and vice versa for a right arrow button

**WHEN** I click on the “2” page button

**THEN** I should be on the second page of results for upcoming sporting events

**(1E) Feature:** Search event by location/venue

**As a:** classical music listener

**So that:** I can find classical performances happening at a local venue

**I want to:** search for events by their location

**Scenario:**

**GIVEN** that I am on the homepage of “EventMaster”

**WHEN** I type ”Adelaide Town Hall” into the search function at the top of the page on the menu bar

**AND** I press the “Search” button

**THEN** I should be on the “Results” page

**AND** I should see a list of all the upcoming events that are happening in “Adelaide Town Hall” in a paginated format showing 25 results per page, in chronological order

**(2) Feature**: Display weather for event date and location on event page

**As an**: adult

**So that**: I can decide on my outfit and what to bring to the event

**I want to**: know the weather during an event based on its location and date

**Scenario:**

**GIVEN** that I am on the event page of “Houston Rockets @ Toronto Raptors 03/07/2020”

**THEN** there is a weather forecast with temperature and conditions for the date and location of the event on the right hand side of the page

**AND** there is information of the event on the remaining left hand side of the page

**(3) Feature:** Display 5 star rating system for event location on event page

**As a:** user

**So that:** I can decide between two different places the same event is being held at

**I want to:** know the overall ratings of the event locations

**Scenario:**

**GIVEN** that I am on the event page of “STORMZY 3/7/2020”

**THEN** there is a 5 star rating for the venue above the map that shows the location of the event

**(4) Feature**: Display travel directions on event date from user inputted location on event page

**As a**: driving adult

**So that**: I can plan my route to the event beforehand

**I want to**: know directions to the event from an entered or current location

**Scenario:**

**GIVEN** that I am on the event page of “STORMZY 3/7/2020”

**THEN** there is a map with a marker on the location of the event at the bottom right corner of the page

**WHEN** I enter “Central Station” into the “Enter your location” field under the map

**THEN** it will show me the fastest route to the venue from “Central Station” by car

**AND** it will show an estimated time

**(5) Feature**: Display ticket price ranges

**As a:** parent

**So that:** I can decide on what kind of seats I should buy

**I want to:** know the ticket prices for different seats

**Scenario:**

**GIVEN** that I am on the event page of “Houston Rockets @ Toronto Raptors 3/7/2020”

**THEN** there is a price range indicator under the event name

**WHEN** I click on the price symbol next to the indicator

**THEN** more information will appear under the symbol and show me ticket prices for different seats as well as deals like Early Bird pricing

**(6) Feature**: Link to purchase tickets on external site

**As an:** adult

**So that**: I can attend the event through a receipt/ticket

**I want to**: be able to purchase a ticket

**Scenario:**

**GIVEN** that I am on the event page of “Houston Rockets @ Toronto Raptors 3/7/2020”

**THEN** there is a “Buy Tickets Now” button on the right hand side of the price range indicator

**WHEN** I click on the button

**THEN** it will direct me to a third-party site where I can purchase tickets from

**(7) Feature**: User can register an account

**As a**: student

**So that**: I can have a personal “EventMaster” account

**I want to**: be able to sign up for an “EventMaster” account

**Scenario:**

**GIVEN** that I am on the homepage of “EventMaster”

**THEN** there is a “Sign Up” button on the top right hand side of the menu bar

**WHEN** I click on the button

**THEN** it will direct me to a sign up page and ask for my email, username, password and to confirm my password

**WHEN** I fill in my details and press “Create Account”

**THEN** I will be directed back to the homepage logged in with the “Sign Up” button replaced with my username

**(8) Feature**: User can login to their registered account

**As a**: student

**So that**: I can access my personal “EventMaster” account

**I want to**: be able to log in to my “EventMaster” account

**Scenario**:

**GIVEN** that I am on the homepage of “EventMaster”

**THEN** there is a “Login” button on the top right hand side of the menu bar

**WHEN** I click on the button

**THEN** it will direct me to a login page and ask for my email or username and password

**WHEN** I fill in my details and press “Login”

**THEN** I will be directed back to the homepage logged in with the “Sign Up” button replaced with my username

**(9) Feature**: User can favourite events to track prices/updates when logged in

**As a**: teenager

**So that**: I can track an event for ticket sales and other updates

**I want to:** be able to favourite events and have updates show up on my homepage

**Scenario:**

**GIVEN** that I am on the event page of “Houston Rockets @ Toronto Raptors 3/7/2020”

**THEN** there is a “Favourite” star symbol button on the right of the event name

**WHEN** I click on the button

**THEN** the symbol will light up

**WHEN** I click on the “Home” button

**THEN** my favorited events list will have “Houston Rockets @ Toronto Raptors 3/7/2020”

**AND** the latest update, “Tickets now $71”, will show up under it

**(10) Feature**: User can reset password using their registered email

**As a**: forgetful user

**So that**: I can access my “EventMaster” account after forgetting my password

**I want to:** be able to reset my password

**Scenario**:

**GIVEN** that I am on the homepage of “EventMaster”

**WHEN** I click on the “Login” button on the top right hand side of the menu bar

**THEN** I will be directed to the login page and there will be a “Forgot Password” button under the “Login” button

**WHEN** I click on the “Forgot Password” button

**THEN** I will be on the “Forgot Password” page which has an “Email” entry field and a “Send Recovery Email” button

**WHEN** I fill in the “Email” entry field and click on the “Send Recovery Email” button

**THEN** I will be on the “Recovery Email Sent Page” which displays a message: “Recovery email has been sent to...”

**WHEN** I check my email and open the recovery email

**THEN** there is information about my account such as my username, and a link to reset my password

**WHEN** I click on the reset password link

**THEN** I am directed to the “Reset Password” page

**AND** there are “Password” and “Confirm Password” fields to fill in and a “Reset Password” button under the fields

**WHEN** I fill these fields in with my new password and click on the “Reset Password” button

**THEN** I will be taken to the home page and logged in

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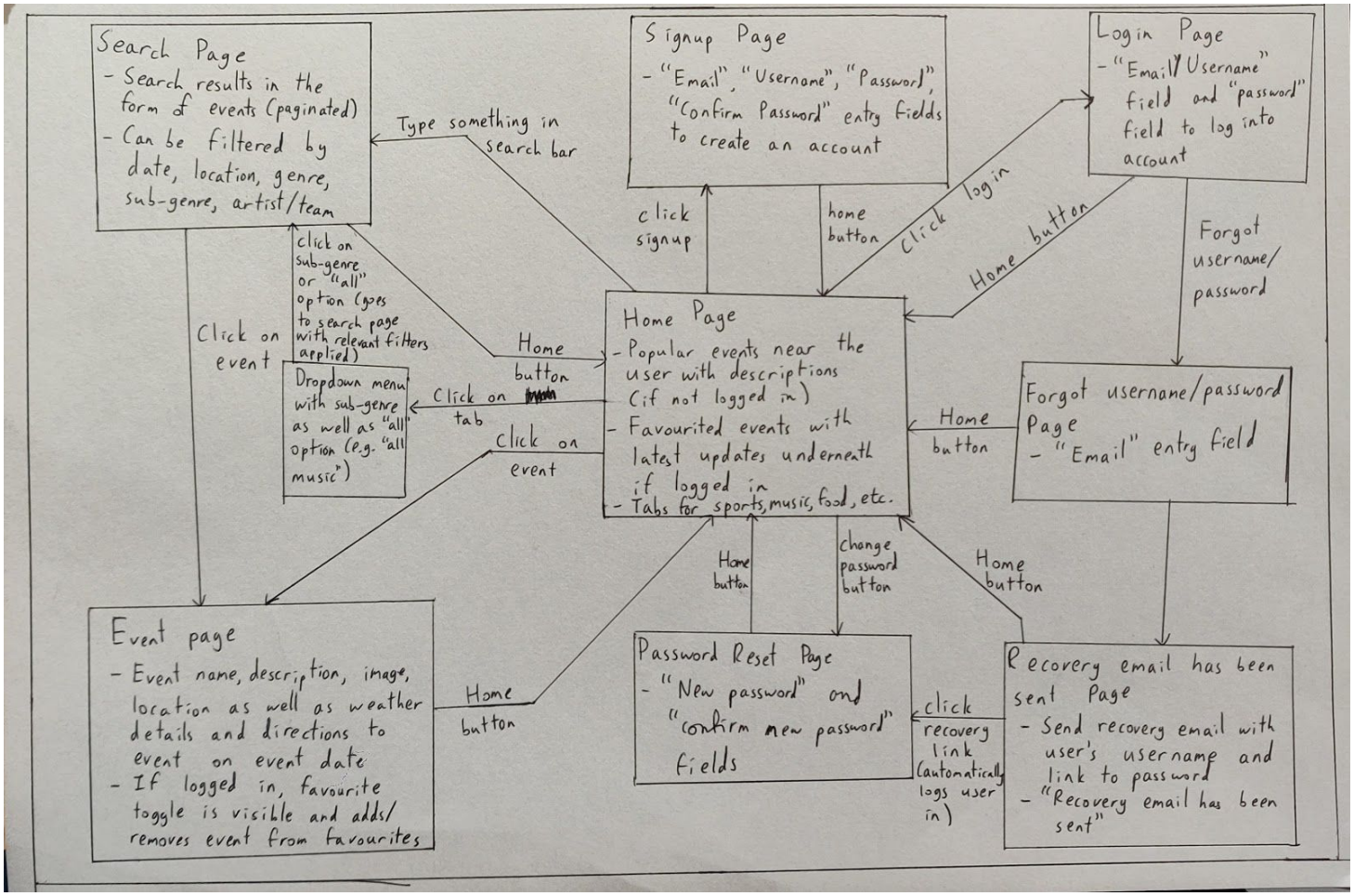
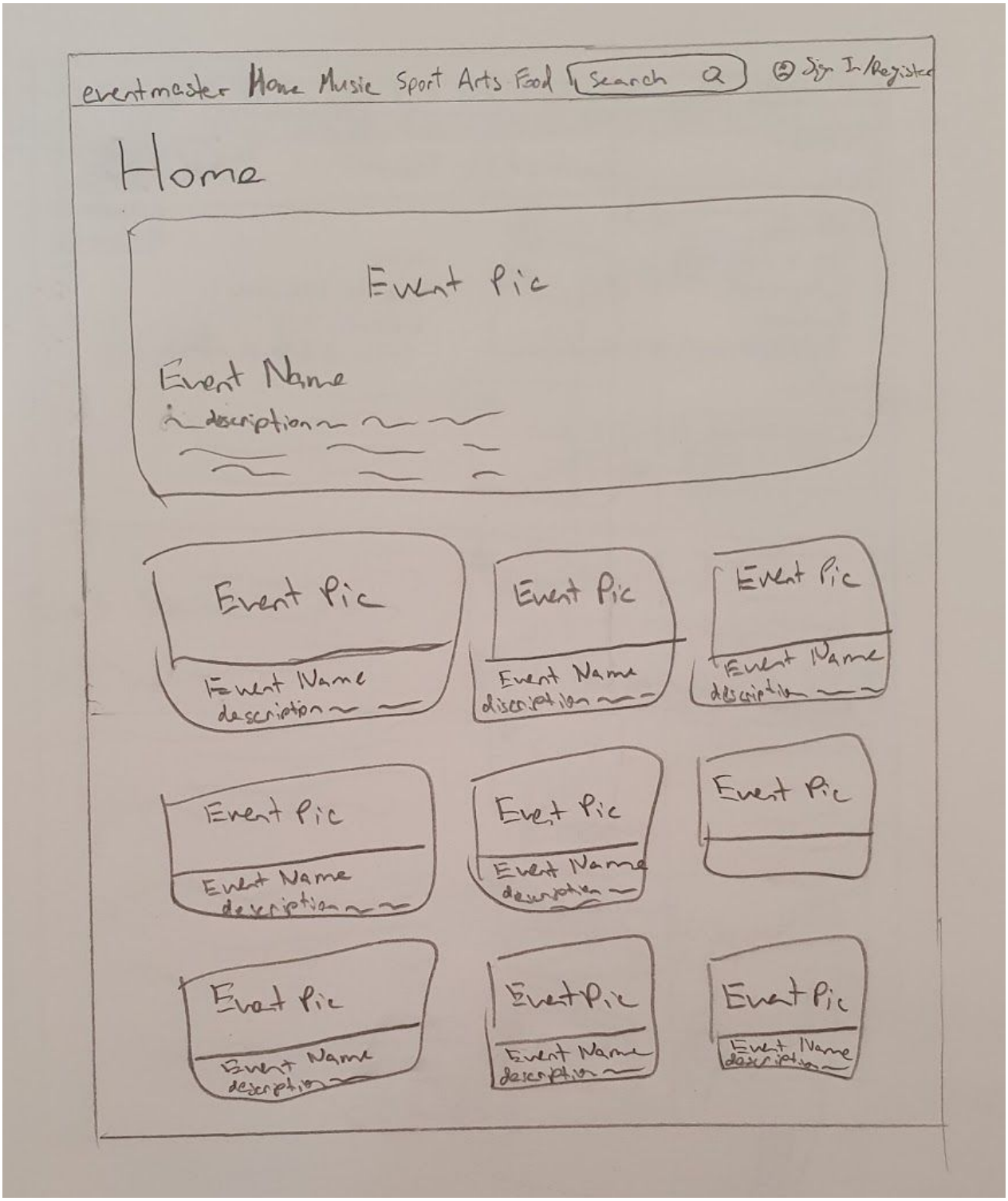
# Low Fidelity Prototype

## 1. Storyboard Interactions Graphs

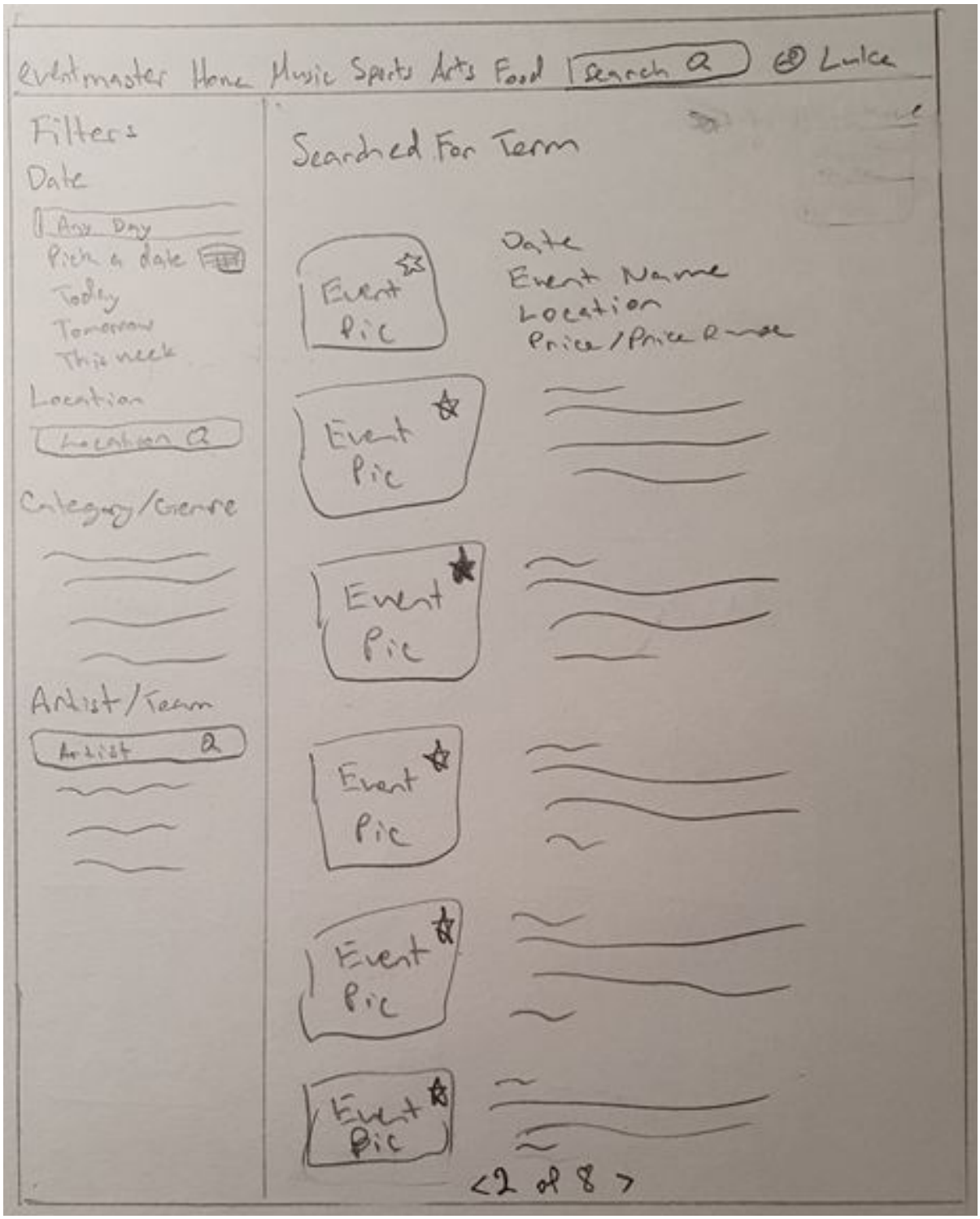


## 2. UI Component Sketches

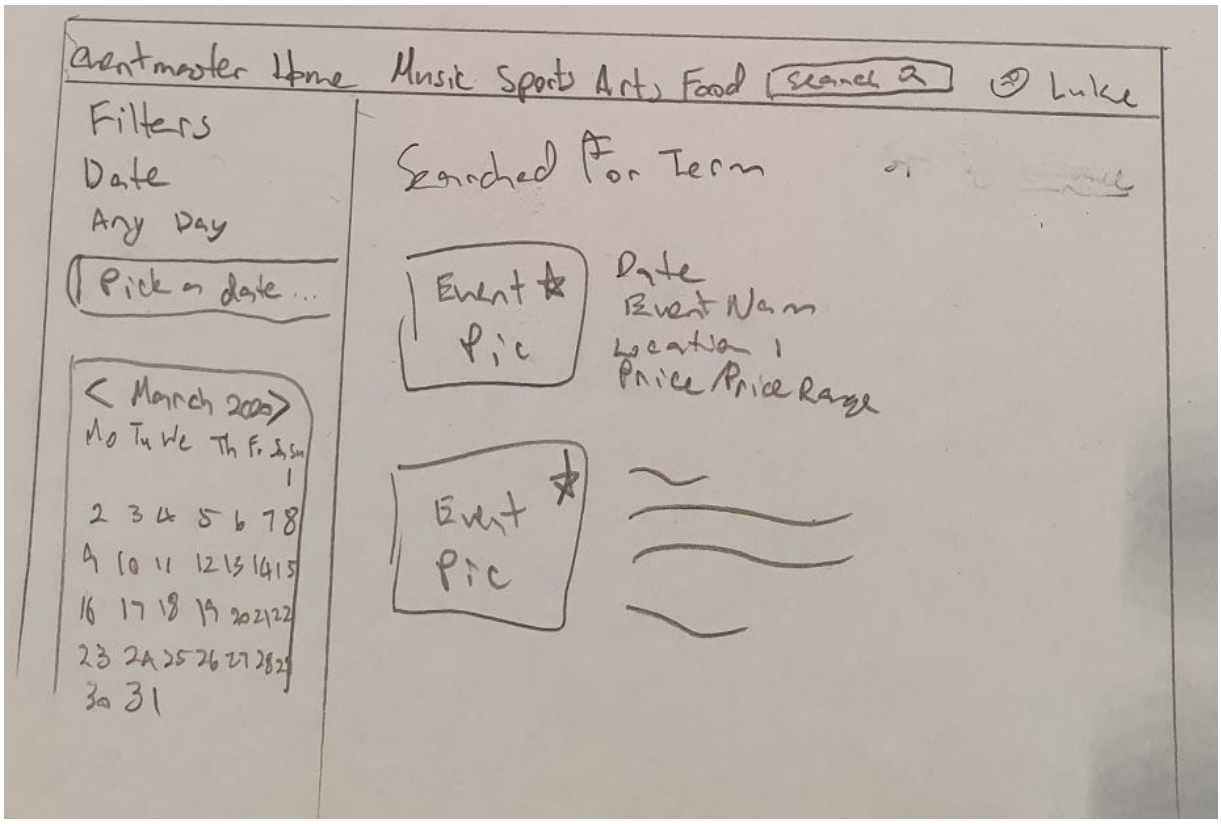
### a. Home Page



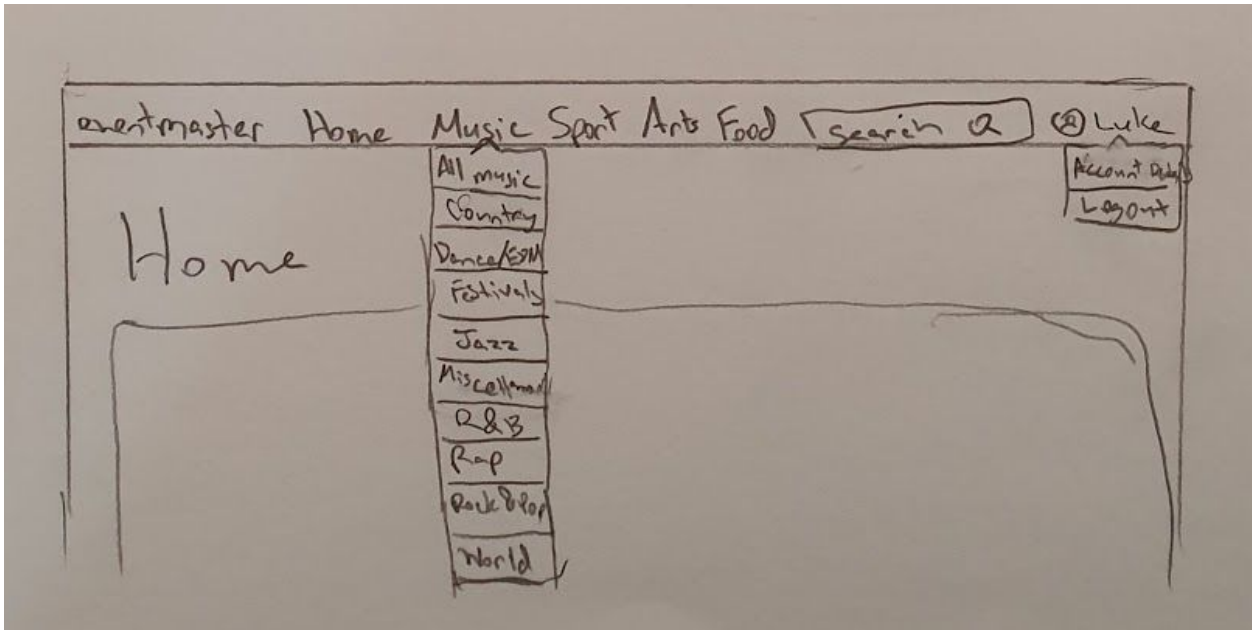
b. Search Page



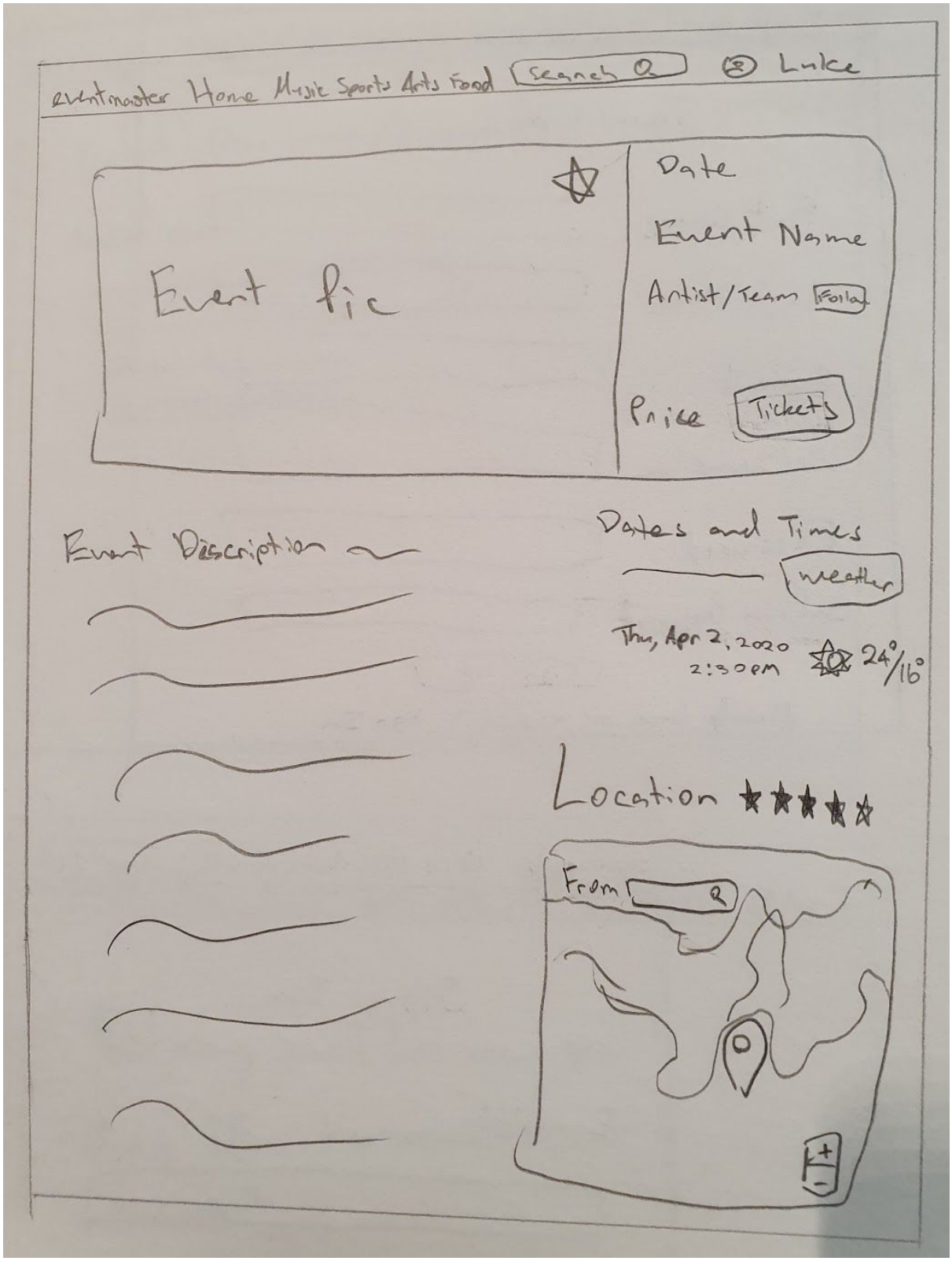
c. Date Select



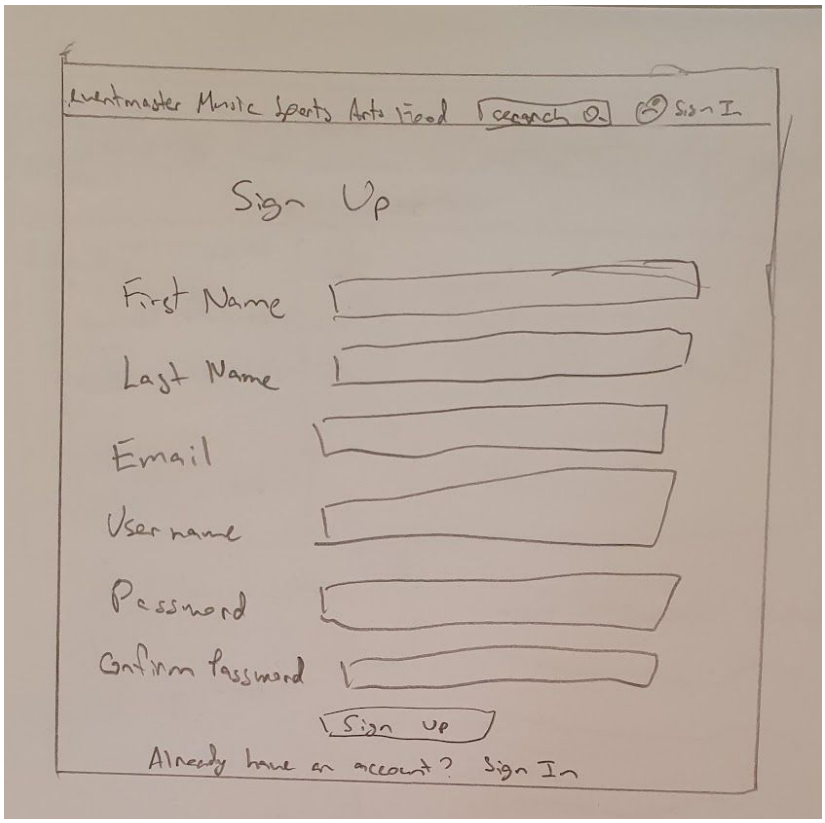

d. Menu Drop down



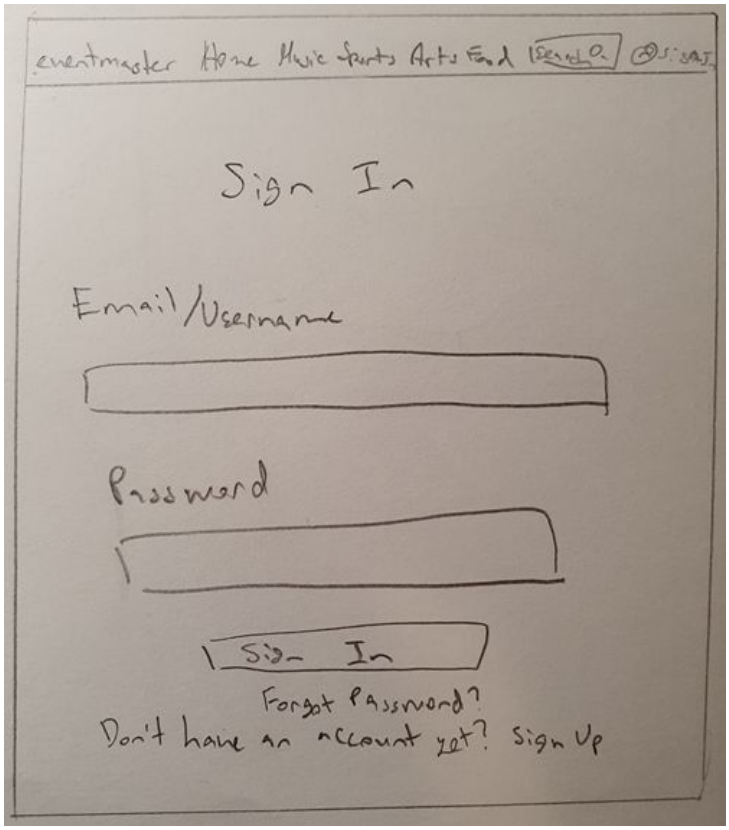
e. Event Page


eventmaster Home Music Sports Arts Food Search Luke
Event pic
Date
Event Name
Artist/Team Follow
Price Tickets
Event Discription
Dates and Times
weather
Thu, Apr 2, 2020
2:30pm
24°/16°
Location
From

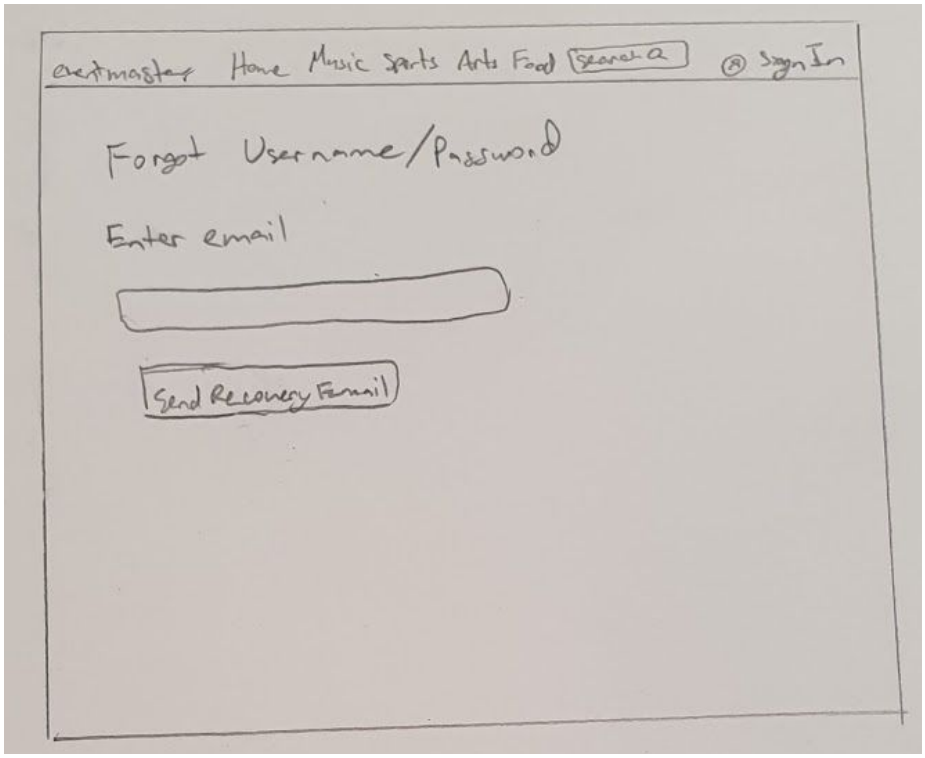
f. Sign Up Page



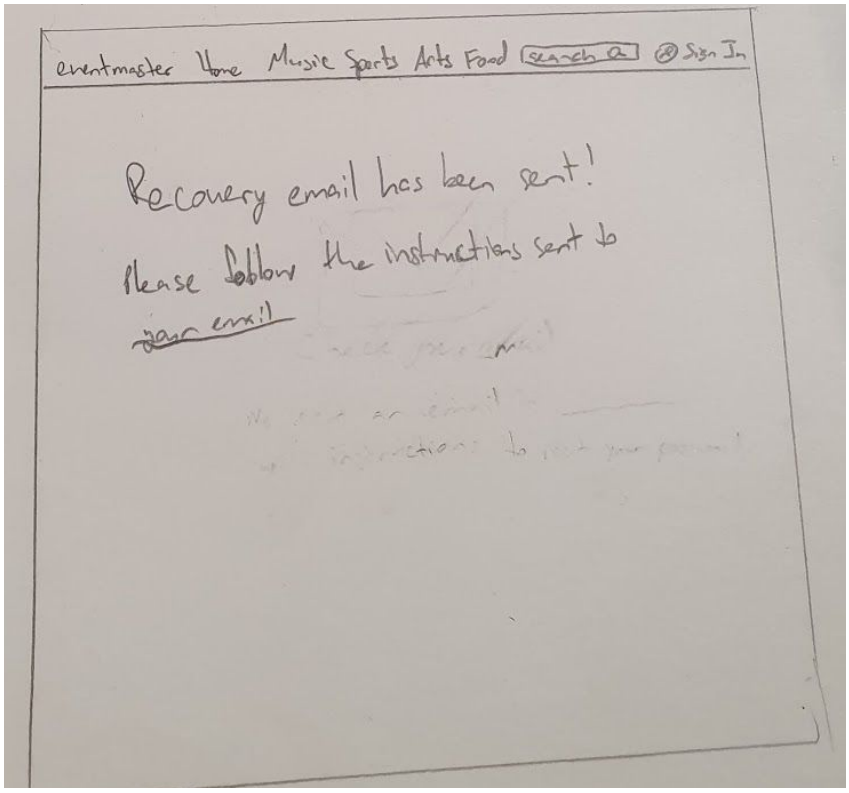

g. Sign In Page



h. Reset Password Page




i. Reset Password Sent Page



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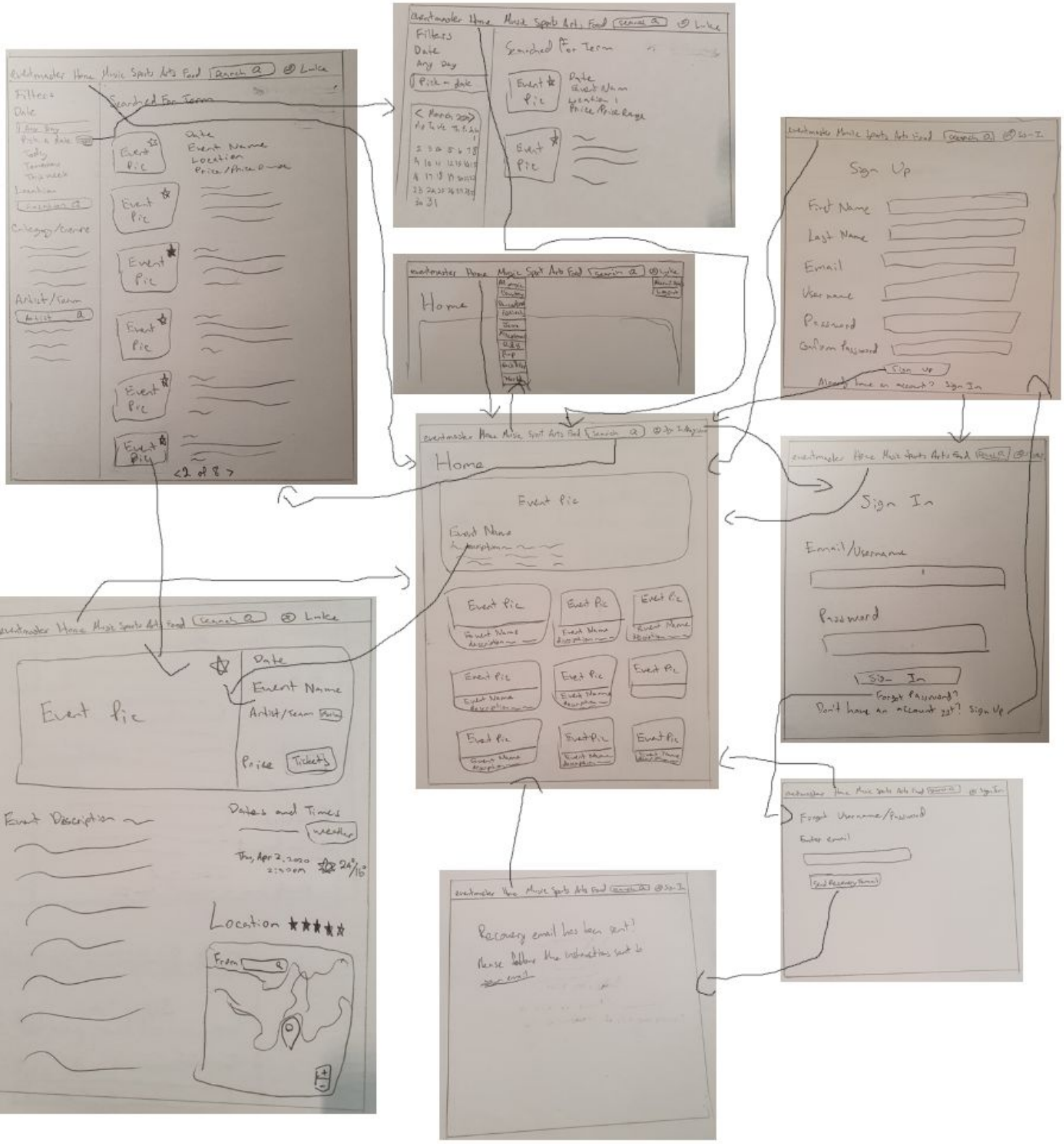
## 3. Storyboard Interactions + UI Component Sketches



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## High Fidelity Prototype

Please see the link:
https://www.fluidui.com/editor/live/preview/cF9aTTRGOXdaek1zMjFYWlNHVndLc2JBWFd2MjdjNU1BVg==