WDFT Final Project

Project Title: *EXPRESS – sharing your experiences through movement*
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Cohort: *Winter 2019*

Project Overview

1.1 Description

Express is the ability for dancers to share their thoughts/experiences through a blog-like style and have the ability to book private sessions with future students/clients. Think Airbnb, but specifically for dancers.

1.2 Problem

There doesn't seem to be any sort of media platform specifically for dancers in the Lower Mainland. People that are wanting to learn how to dance for the first time may feel intimidated going into a class full of "better" dancers. This allows those that want to dip their toes in a new hobby to view real-life experiences from actual dancers through what they have created and even have a chance to work with them.

1.3 User Profile

The end user will be those wanting to enter the dance scene. It will allow them to view various dancers all across Lower Mainland that have been training many years. With the information/bio that the dance teachers will provide, users may read in depth of what they do, watch the videos that have been provided and be able to contact them for further information.

1.4 Requirements: Use Cases and Features

James –
James is a 32-year old male who has always wanted to take dance lessons. After taking a few beginner classes at Harbour Dance Centre, he started to feel a little embarrassed because rather having fun in class, it seemed as if he was being judged base on his level of skill. This demotivated James to take class in general.

After discovering Express, he found out many dancers that are located in the Lower Mainland sharing their thoughts and experiences. What was awesome was that he was able to get in touch with one of the dancers and book private sessions to rebuild his confidence.

Sarah –

Sarah has been a self-taught dancer all her life. At. 25, she has that confidence of "dancing like no one's watching". Sarah is great at picking up choreography, whether it is through YouTube videos or dance workshops hosted at Studio 604, she also seems to know what she is doing. However, like most professions, you seem to hit a plateau and wanted more of a challenge.
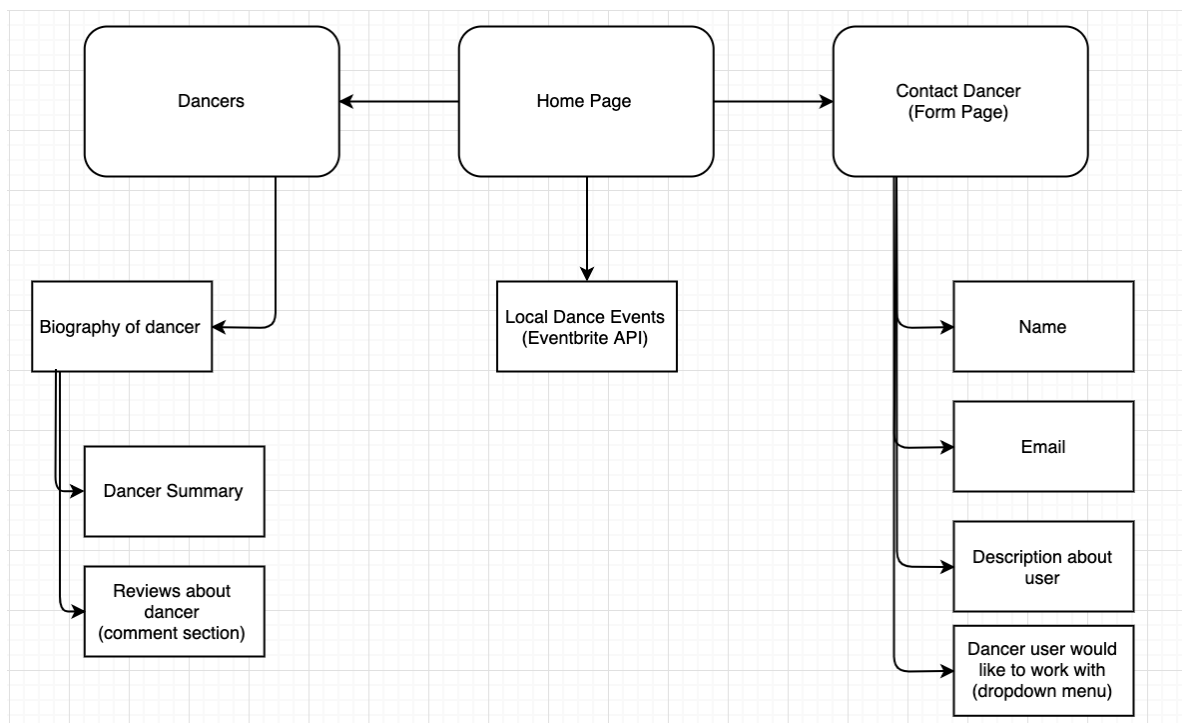
She decided to enhance her skills by looking up Express. She found multiple dance teachers that have listed their level of expertise and saw the many positive reviews that others have given them and decided to give it a shot. In addition, she was able to read about what techniques each teacher had which allowed her to narrow down her future instructor.

1.5 Tech Stack and APIs

- Will be utilizing the Asana JIRA software
- Will be using Eventbrite's API
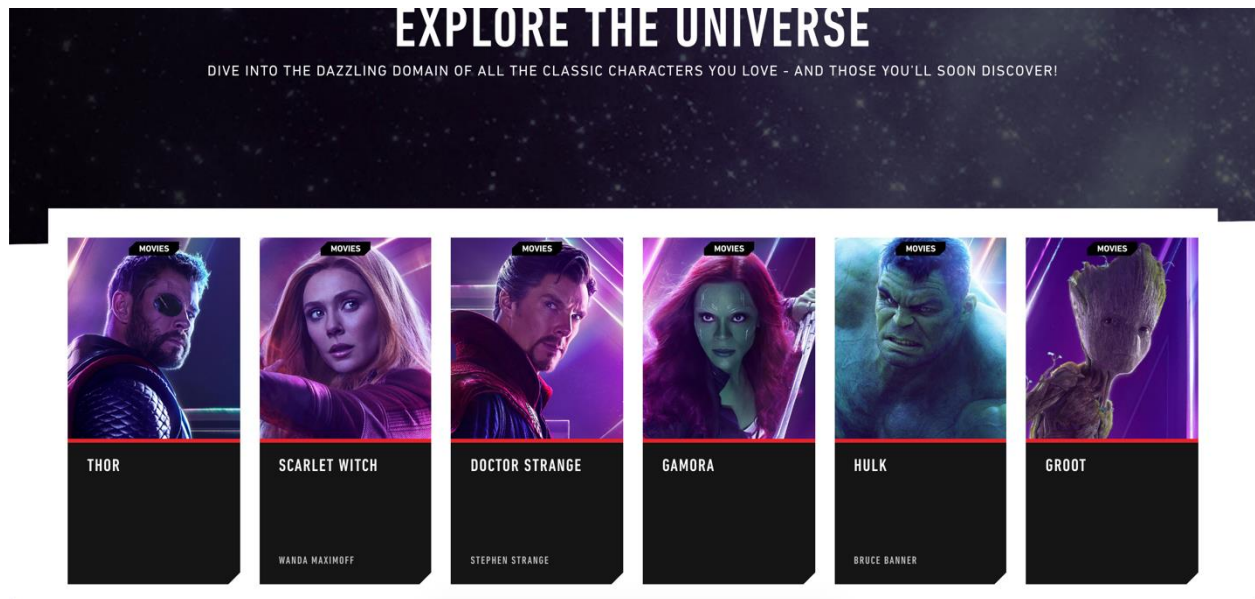- React-Router Library
- React
- Node/Express

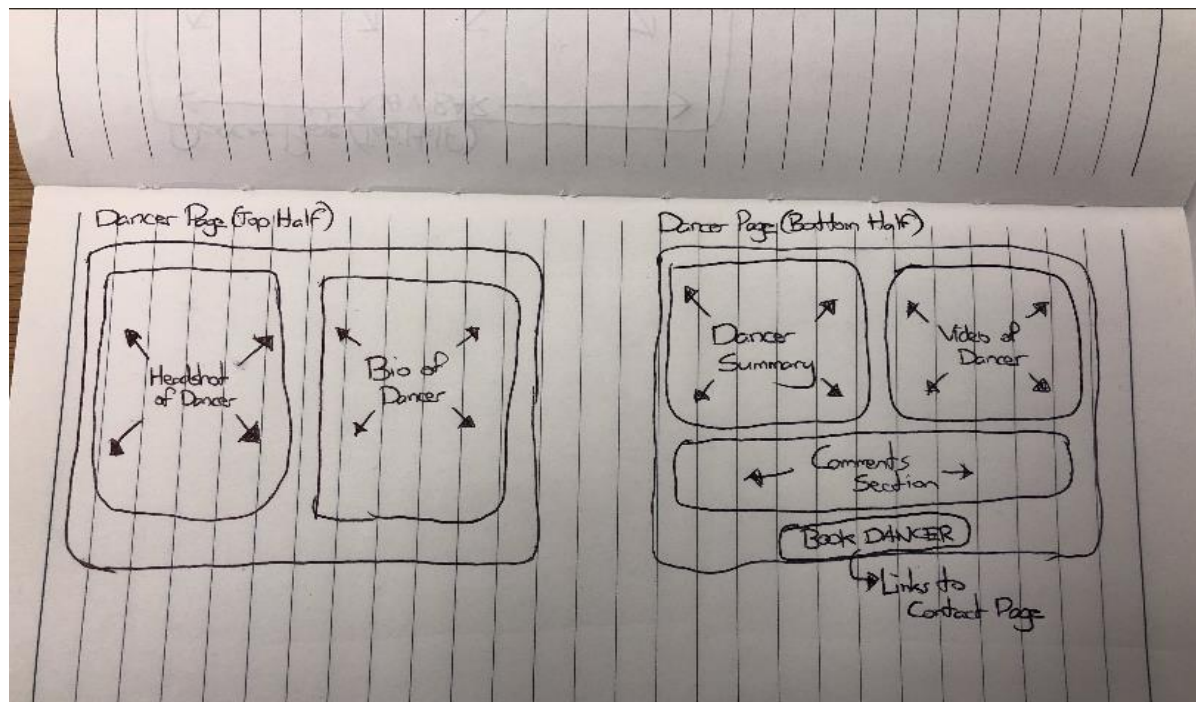# 2. Client-Side Implementation

Site Map

Screen Details

Below is a mockup of what the layout will be to display the list of dancers

Below is a mockup of what the layout will be once you click on a specific dancer

3. Server-Side Implementation

3.1 End-Point Descriptions

HTTP GET - /events (API will get all local dance events)
HTTP GET - /dancers (get all dancers)
HTTP GET - /dancers/:id (get all information about the specific dancer)
HTTP POST - /comments (post comments about specific dancer – review)
HTTP POST - /form (contact form will add info to array)

3.2 External APIs that will be consumed

Using the Eventbrite API to gather any events related to dance in Vancouver

3.3 Database Structure

./Database/Dancers/ -

dancers.json will consist of an array of objects:
-Biography of dancer
-Age
-Years of dance experience
-Summary
-Comments/reviews about dancer

3.4 Authentication/Authorization and Security

N/A

4. Project Roadmap

Phase 1

Day	Goal
1 (Wed)	Finish proposal
2 (Thurs)	Implement design models (draw out what each page will look like)
3 (Friday)	-Gather information needed to construct database from dancers -Review Eventbrite API documentation -Review Material-UI-Kit

4 (Saturday)	Create database and necessary endpoints (test to make sure I can at least connect to the Eventbrite API)
5 (Sunday)	Start building overall structure of React app
6 (Mon)	Hard code data to view layout on front-end
7 (Tues)	Style the component with SASS
8 (Wed)	Work on responsiveness
9 (Thurs)	Hook up back-end with front-end
10 (Fri)	Test out if POST works on front-end (adding comments/filling out form)
11 (Sat)	Fix all bugs
12 (Sun)	Refactor and double-check code for efficiency
13 (Mon)	DEPLOYMENT
14 (Tues)	Review and practice demonstration
15 (Wed)	DEMO DAY

Phase 2

-Add signup/login for dancers that would like to share their experiences
-Contact form sends an email notification to the dancer that has been selected by user

Phase 3

-Design a mobile application
-Try to create an API of some sort of all the studios in lower mainland so that users can view when and where the dance teachers on the site teach on a particular month

5. Demo Day Placard Information

Please fill out the attached Google Form to complete your placard information required for Demo Day.