

# **CPSC 481: Foundations of HCI, Fall 2024 Project Part II**

## **Horizontal Prototypes (2 page write up)**

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### **Tutorial 5 Group 3**

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## **Introduction**

The GlobeTrekker travel app is being developed to modernize and expand the reach of GlobeTrekker, a Calgary-based travel company that traditionally relies on face-to-face interactions. With the rise of mobile and digital solutions, the company aims to attract tech-savvy tourists by providing a digital platform that allows users to explore Calgary landmarks, restaurants, and events. This redesign builds upon our initial prototype by incorporating user feedback and improving usability. Our primary goal for this phase is to create a more user-friendly interface and address issues identified in previous walkthroughs.

## **Redesign Rationale**

### **a. Summary of Key Changes**

- **Moved filter to category pages** (instead of main page)
- **Added home button to header bar**
- **Implemented a scroll bar on main page** to allow viewing more cards
- **Redesigned login page** to require sign-in before app usage
- **Category pages now open as new pages**, distinct from banner pop-ups
- **Redesigned delete event button**, adding a confirmation prompt

### **b. Design Principles and Rationale**

#### **1. Moved Filter to Category Pages**

**What:** Initially, a filter was included on the main page to refine categories (e.g., family-friendly, group-friendly). However, with only around 12 cards, filtering would limit visible options excessively. The filter has been relocated to category-specific pages where each contains around 20+ attractions, making filtering more meaningful. **Why:** This change enhances usability by providing filtering options in contexts where it is more applicable.

**How it Enhances UX:** Users now find it easier to explore attractions within specific categories without overcrowding the main interface.

#### **2. Added Home Button to Header Bar**

- **What:** A home button was added in the header, offering users two options to navigate back to the main page—by either clicking a back arrow or the home button (top left corner). A profile button on the top right corner enables access to itineraries.

- **Why:** The added button follows the design principle of *visibility of system status*, helping users know where they are and providing an easy return path.
- **How it Enhances UX:** Improves navigation consistency and ensures users don't get lost, promoting a more seamless browsing experience.

### 3. Redesigned Login Page

- **What:** Previously, the login was a closable popup that could interrupt users repeatedly. Now, users must log in or sign up before using the app. The login popup darkens the app background, allowing users to preview the app's interface, encouraging sign-ups.
- **Why:** This adjustment simplifies the login flow and avoids unnecessary interruptions.
- **How it Enhances UX:** A streamlined entry into the app makes the experience less intrusive and more user-friendly, supporting a smoother start.

### 4. Category Pages with Unique Layouts

- **What:** Clicking on category cards (e.g., "Famous Landmarks," "Restaurants") now opens a full page with a comprehensive list of attractions, unlike the banner pop-ups that briefly show highlighted attractions.
- **Why:** This update provides a sense of progression and depth, allowing users to view a larger collection within each category.
- **How it Enhances UX:** Users feel more in control with differentiated views, giving a richer exploration experience.

### 5. Redesigned Delete Event Button with Confirmation Prompt

- **What:** The delete button, originally close to the "Get Tickets" button, has been relocated to a smaller icon on the top-right corner. When clicked, a "Are you sure?" prompt appears, providing options to cancel or confirm deletion.
- **Why:** This change addresses potential accidental clicks and follows the principle of *error prevention*.
- **How it Enhances UX:** Reduces the chance of accidental deletions, giving users confidence in managing their itinerary.

## c. Challenges and Resolutions

- **Learning Curve in Figma:** Developing this prototype in Figma required learning to create consistent buttons, color schemes, and layouts. Iterative testing helped establish a coherent design language across the app's interface.
- **Consistent Layouts:** Achieving uniformity in design elements required multiple adjustments, enhancing the overall polish and usability of the prototype.

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# Calgary At a Glance!

View

Calgary, a cosmopolitan Alberta city with numerous skyscrapers, owes its rapid growth to its status as the centre of Canada's oil industry. Calgary, a cosmopolitan Alberta city with numerous sky



## Calgary Landmarks



## Fall in Calgary



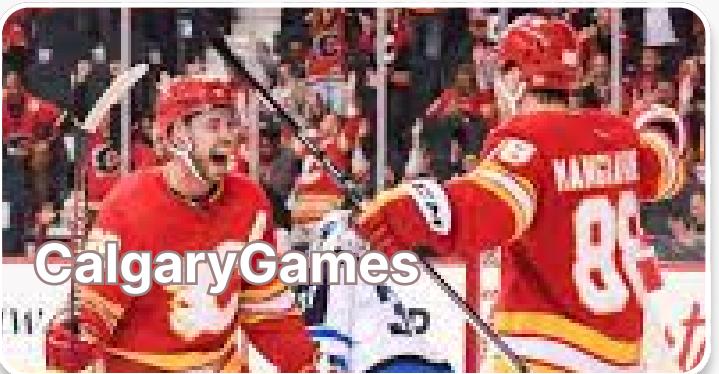
## New in Calgary



## Art and Museums



## Outdoor activities



## Calgary Games



## Calgary Festivals



## Restaurants



## Celebrations



## Family Activities



## Group Activities



## Concerts and theatre

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Ca

**GLOBE TREKKER**

# Welcome Back!

*Login to book events and build itinerary!* Email or Username Password**Login**Forgot Password?Don't Have an Account? Sign Up**Calgary Landmarks****Art and Museums****Outdoor activities****Calgary Games**

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# GLOBE TREKKER

## Sign Up

*Sign Up to book events and build itinerary!*

Username

Email

Password

Confirm Password

**Sign Up**

Already Have an Account? [Login](#)





Calgary Map

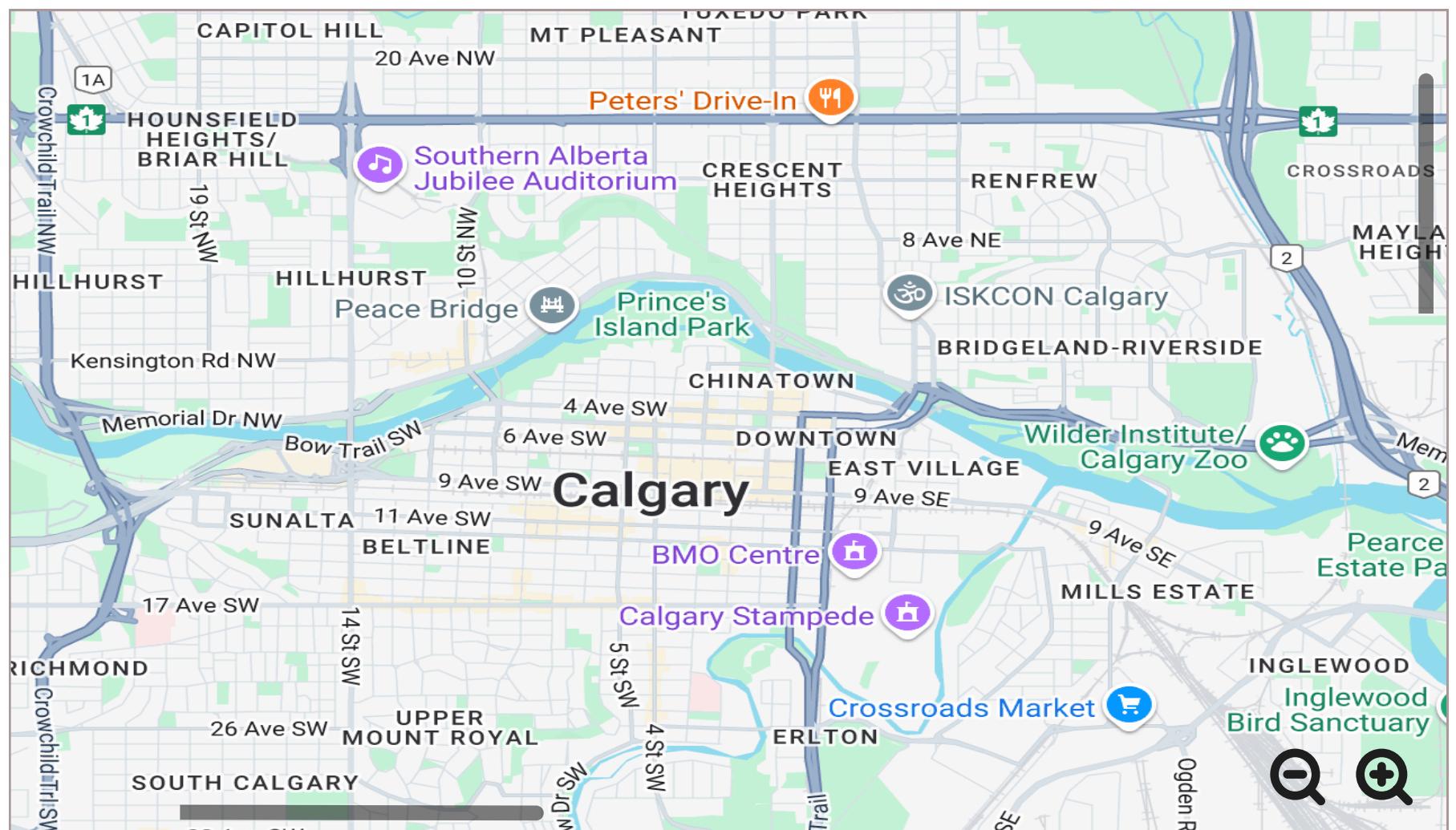
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## Calgary Map



Calgary, a cosmopolitan  
city at the heart of Canada's oil industry

Calgary Landmarks



Art and Museums



Outdoor activities



Calgary Games

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## Emergency Numbers



9-1-1	Emergency	Call 9-1-1 in an emergency when there is an immediate threat to your health and/or safety. (e.g., fire, see or smell smoke, medical emergencies, crimes in progress, an accident that has caused injury, life threatening situation, etc.).
211 or text INFO to 211	Distress Centre	Call or text 211 for non-emergency situations that involve mental health and addiction, connection to food and basic needs, or community and social resources.
311	Bylaw, city information	Call, download our app, or visit <a href="http://Calgary.ca/311">Calgary.ca/311</a> for City information (e.g., bylaw, garbage collection, etc.)
403.998.7388	HELP team (formerly DOAP)	Unhoused individuals in a vulnerable state (having a poor mental health moment, intoxicated and/or using drugs in a public space, stumbling down the street, stepping into traffic), trespassing (sleeping in the doorway of a business), in need of transportation.
403.262.1000 or text 74100	Transit Watch	Text 74100 or use the help phone/button on C-Trains and platforms to report immediate safety and security issues. (e.g., such as disorder, areas needing attention or cleaning, infrastructure issues, broken glass, or harassment, etc.)
403.266.1234	Police non-emergency	Call for non-emergency situations that require a police response such as non-injury accidents, missing persons, stolen vehicles or license plates, break and enters after they have happened.

See more here: <https://www.calgary.ca/our-services/911.html>



Art and Museums



Outdoor activities



Calgary Games

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## Calgary Weather



-1 °C | °F

Precipitation: 0%  
Humidity: 68%  
Wind: 8 km/h

Weather  
Friday 9:00 p.m.  
Cloudy

TemperaturePrecipitationWind

10 p.m.

1 a.m.

4 a.m.

7 a.m.

10 a.m.

1 p.m.

4 p.m.

7 p.m.

Fri



4° -1°

Sat



7° -3°

Sun



6° -4°

Mon



4° 0°

Tue



3° -7°

Wed



3° -2°

Thu



9° 1°

Fri



9° 2°

See more here: <https://weather.gc.ca/en/location/index.html?coords=51.046,-114.058>

Art and MuseumsOutdoor activitiesCalgary Games



Calgary Map



## Calgary at a Glance



### Calgary Tower

Opening Hours:

[View Details](#)

### Peace Bridge

Opening Hours:

[View Details](#)

### Heritage Park

Opening Hours:

[View Details](#)

Calgary, a cosmopolitan Alberta  
Canada's oil industry Calgary, a

## Calgary Landmarks



## Art and Museums

Outdoor activities

Calgary Games



the centre of



## Calgary





Calgary Mar



## Calgary Tower



**Opening Hours:** 8AM - 10PM

**Price per person:** \$\$

**Location:**

Downtown ave, Calgary, AB

### Why visit?:

From its start, the Calgary Tower featured full 360 degree panoramic views from the restaurant and observation levels. The restaurant's revolving floor had a capacity for up to 200 guests and the original observation deck had a capacity for 250.

The Upper Deck section was complete with a cocktail lounge and snack bar. One unprecedented feature for its time was the continual pour of concrete using a relatively new slip-forming construction technique.

No. Tickets  
— 1 +

MM/DD/YYYY V

Time V

Book Event



Art and Museums





Calgary Mar



## Enter Billing Info



**Tickets:** 2 Tickets

**Hours:** 8AM - 10PM

**Time:** 9:00am - 19:00am

**TOTAL:** \$60.00 CAD

Email

First Name

Last Name

Billing Address

Country

Postal Code

State/Province

Card Number:

Date

CVV

Pay

Calgary, a cosmopolitan Alberta  
Canada's oil industry Calgary, a



Calgary Landmarks



Art and Museums



the centre of



in Calgary



Games



Calgary M



# Order Confirmed!

## See you there!

Your tickets have been sent to your email

You can also view them here!



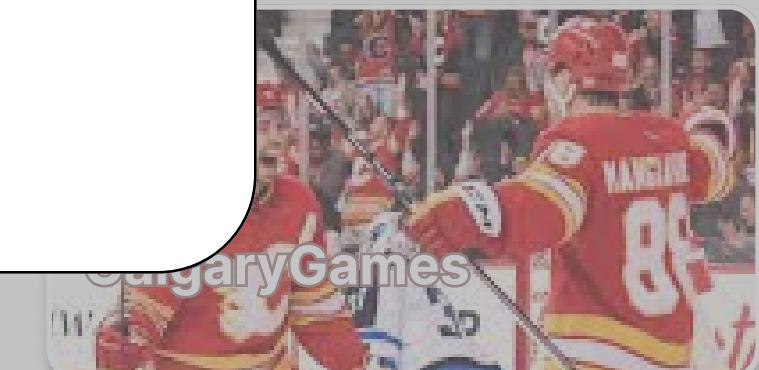
[View itinerary](#)



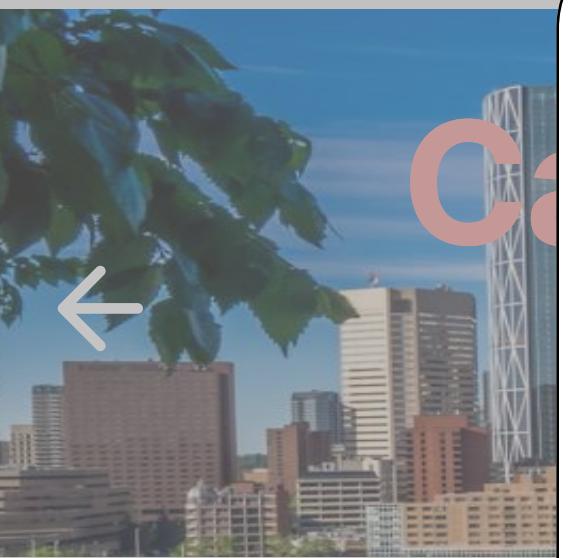
Art and Museums



Outdoor activities



Calgary Games



Calgary, a cosmopolitan Alberta  
Canada's oil industry Calgary, a



Calgary Landmarks



the centre of



in Calgary

Date

08/17/2023



Please Select Time:

MM/DD/YYYY

< Aug > < 2023 >

S M T W T F S

26 27 28 29 30 31 1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 1 2 3 4 5 6

Clear

Cancel

OK

9:00AM-10:00AM

10:00AM-11:00AM

11:00AM-12:00PM

1:00PM-2:00PM

2:00PM-3:00PM



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## Famous Landmarks



Filters

[View Details](#)



**Calgary Tower**

Opening Hours:

[View Details](#)



**Stephen Avenue Walk**

Opening Hours:

[View Details](#)

**Peace Bridge**

Opening Hours:

[View Details](#)



**Chinese Cultural Center**

Opening Hours:

[View Details](#)

**Wonderland**

Opening Hours:

[View Details](#)



**Kensington**

Opening Hours:

[View Details](#)

**Saddledome**



**Prince's Island Park**



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Current Weather



## Calgary Tower

**Opening Hours:** 8AM - 10PM**Price per person:** \$\$**Location:**

Downtown ave, Calgary, AB

**Why visit?:**

From its start, the Calgary Tower featured full 360 degree panoramic views from the restaurant and observation levels. The restaurant's revolving floor had a capacity for up to 200 guests and the original observation deck had a capacity for 250.

The Upper Deck section was complete with a cocktail lounge and snack bar. One unprecedented feature for its time was the continual pour of concrete using a relatively new slip-forming construction technique.

No. Tickets

— 1 +

MM/DD/YYYY

Time

**Book Event**

Saddledome



Prince's Island Park



Filters

Avenue Walk

ng Hours:

**View Details**

ese Cultural Center

ng Hours:

**View Details**

ington

ng Hours:

**View Details**

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# Your Itinerary



18, 2024	SEPT 19, 2024	SEPT 20, 2024	SEPT 21, 2024	SEPT 22, 2024	SEPT 23, 2024
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## Calgary Tower



Reserved time: **9 AM - 10 AM**

**Location:** Downtown ave, Calgary, AB

[View Tickets](#)

## Wonderland



Reserved time: **2 PM - 3 PM**

**Location:** Downtown ave, Calgary, AB

[View Tickets](#)

## Pumpkins after Dark



Reserved time: **7 PM - 10 PM**

**Location:** Downtown ave, Calgary, AB

[View Tickets](#)

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## Your Itinerary



18, 2024	SEPT 19, 2024	SEPT 20, 2024	SEPT 21, 2024	SEPT 22, 2024	SEPT 23, 2024
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### Calgary Tower

[View Tickets](#)

### Workshop

[View Tickets](#)

### Pumpkins after Dark



Reserved time: **7 PM - 10 PM**

Location: Downtown ave, Calgary, AB

[View Tickets](#)