Wayfarer

Est. 20 15

Introduction

Wayfarer is a travel planner for superheroes. It is the easiest to find the fastest route to your destination.

Adding cities along the way is a breeze. And its just as easy to avoid cities that you know you can't be seen in at the moment.

This document outline the app interface of wayfarer.

Table of Contents

Persona

Johnny L. Thunder

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7/7/1917

2534 Timber Wolf Trail,
Metropolis, MT 04555

*"I want the best routes with
easy customization."*

Johnny is a successful young superhero who knows what he wants. He loves to get around and you can find him, his genie 'Thunderbolt' and his friends from the justice society on the road every other weekend, looking for Mister X.

He is always for the lookout for a new challenge, but also a careful risk-taker. There are some villains that he can't quite defeat, yet and thus prefers to avoid. Luckily, their vigorous use of Foursquare makes it easy for him to track their location and avoid the cities they currently unsettle on his trips.

With Wayfarer he found a great tool to help him plan his next excursion. He loves how easy it is for him to plan his route and include and exclude specific cities.
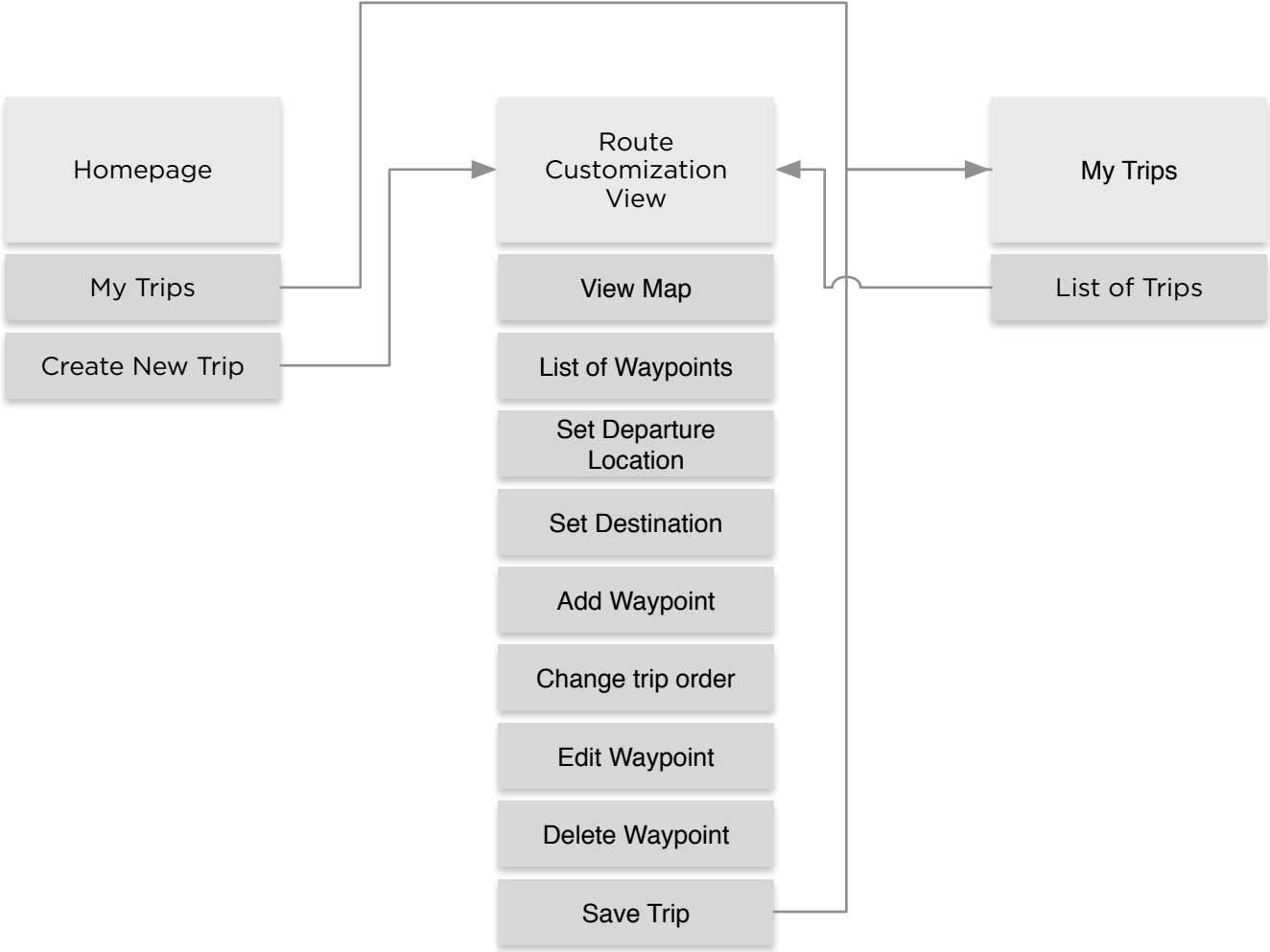
Tech savvy

Newbie   Professional

Income

30k   150k

Travel frequency
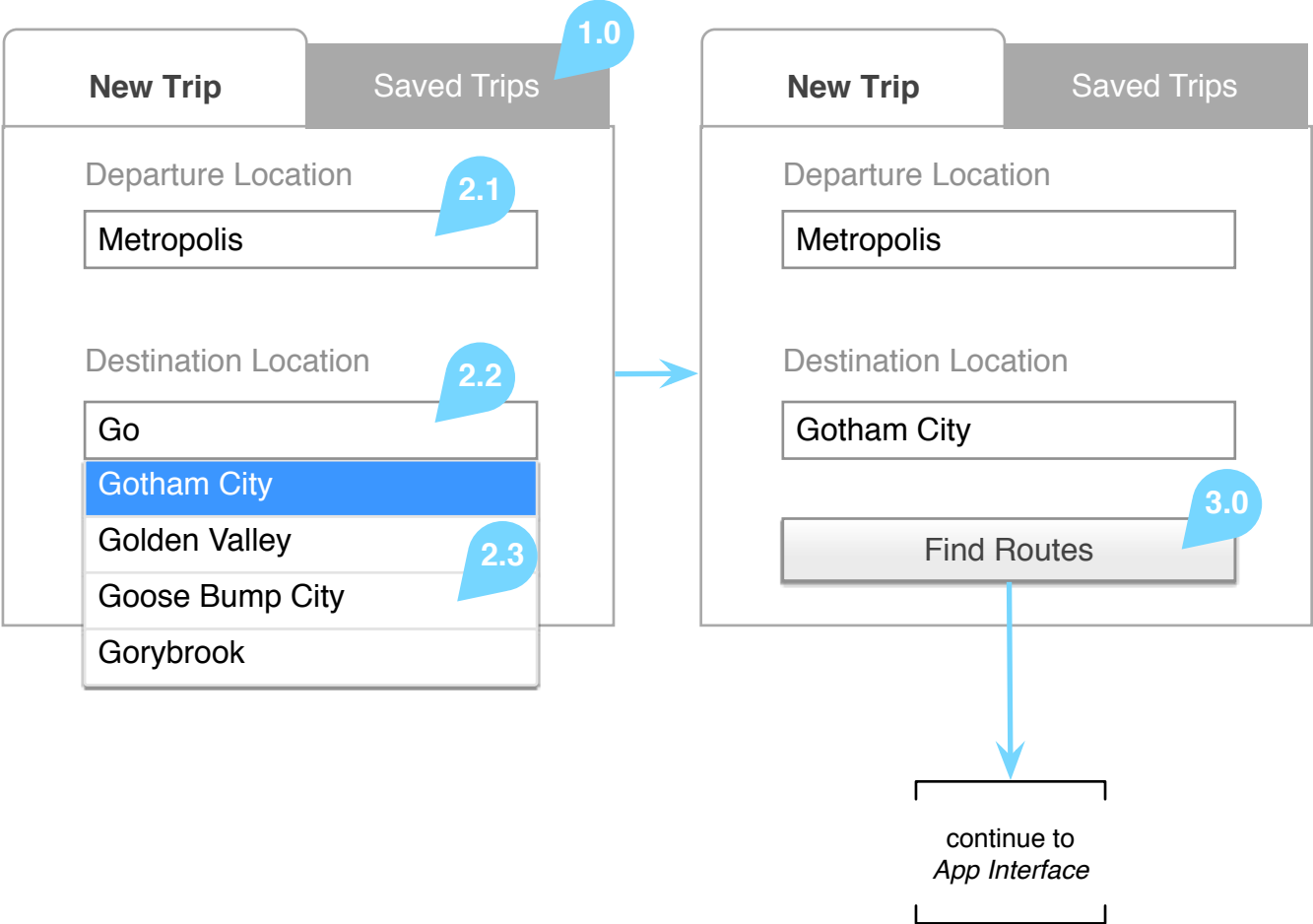
Annual   Daily

Information Architecture

Wayfarer follows a simple flow and consists basically of two views scaffolded by a compressed homepage view.

The user can navigate freely between the *Route Customization View* and the *Saved Trips View*.

Homepage	Route Customization View	My Trips
My Trips	View Map	List of Trips
Create New Trip	List of Waypoints	
	Set Departure Location	
	Set Destination	
	Add Waypoint	
	Change trip order	
	Edit Waypoint	
	Delete Waypoint	
	Save Trip	

Wireframe — Zero State

1.0

| **New Trip** | Saved Trips |

Departure Location

2.1

Metropolis

Destination Location

2.2

Go

Gotham City

Golden Valley

2.3

Goose Bump City

Gorybrook

| **New Trip** | Saved Trips |

Departure Location

Metropolis

Destination Location

Gotham City

3.0

Find Routes

continue to
App Interface

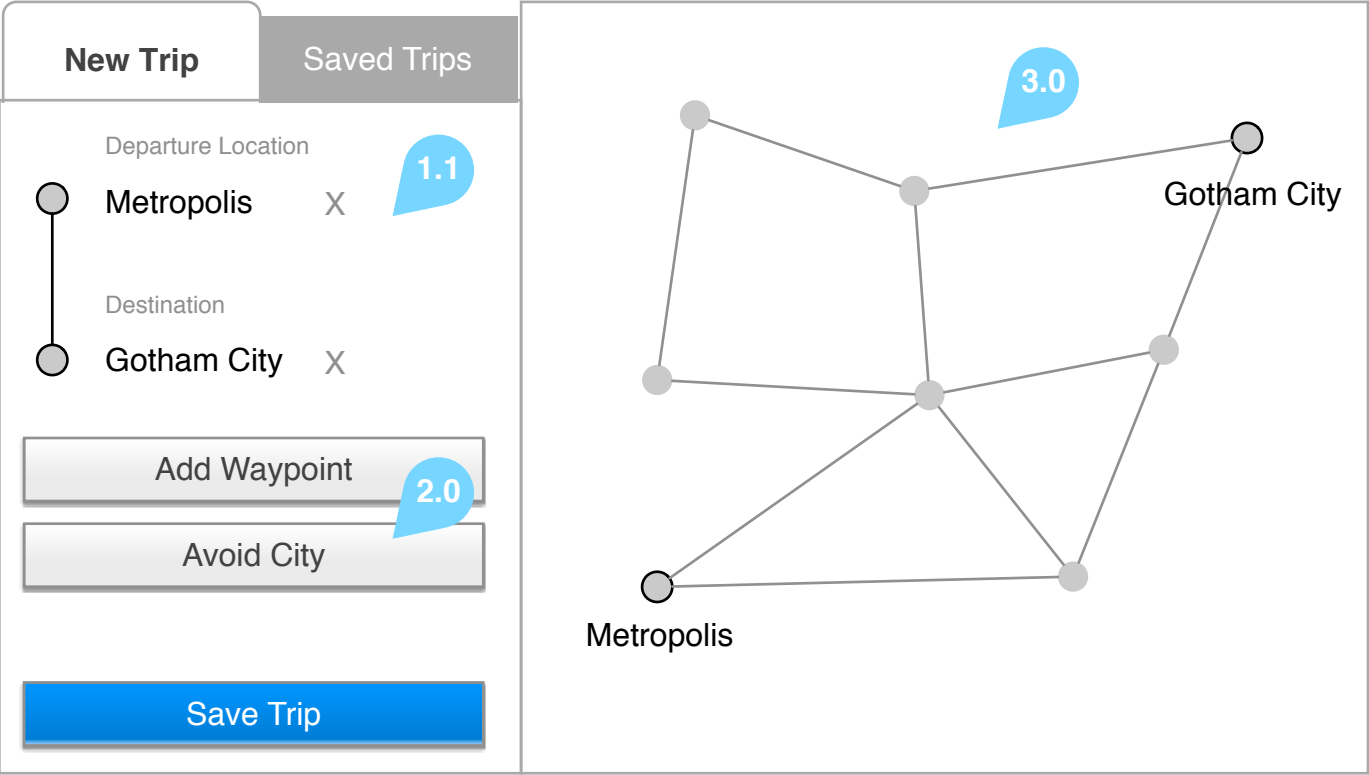**On first visit, the user will be presented with a distraction-free interface that allows him to jump right in.**

1.0 Tabset Navigation
Returning users can use the "my trips" tab to access previously saved trips.

2.0 Text Input — Departure & Destination City
The minimum requirements for route results are departure location and a destination locations. Both will be displayed in the "New Trip" panel (2.1, 2.2).

When the user starts typing, relevant suggestions will be displayed that the user can explore and select using touch, mouse or keyboard input (2.3).

3.0 Submit Button
Once two cities have been selected, the user can click the submit button which will take him to the split-view app interface.

Wireframe — App Interface

New Trip | Saved Trips

Departure Location

1.1

⦿ Metropolis   X

Destination

⦿ Gotham City   X

Add Waypoint

2.0

Avoid City

Save Trip

3.0

Gotham City

Metropolis

1.2

Departure Location

⦿ Metropolis   X

The sidebar panel shows the user the entered information and offers additional customization options. The map view to the right lets the user explore the possible routes.

1.1 Route Display
The route display lists all the chosen cities for the journey including the departure and destination cities.
On hover, the waypoint icon will reveal a dragging icon. On-drag the order of the cities can be changed. (see 1.2)
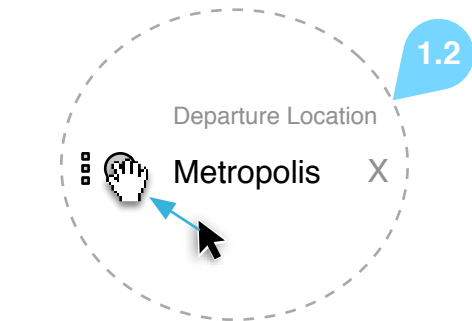On click, the X mark right of the city name will remove the city from the route.
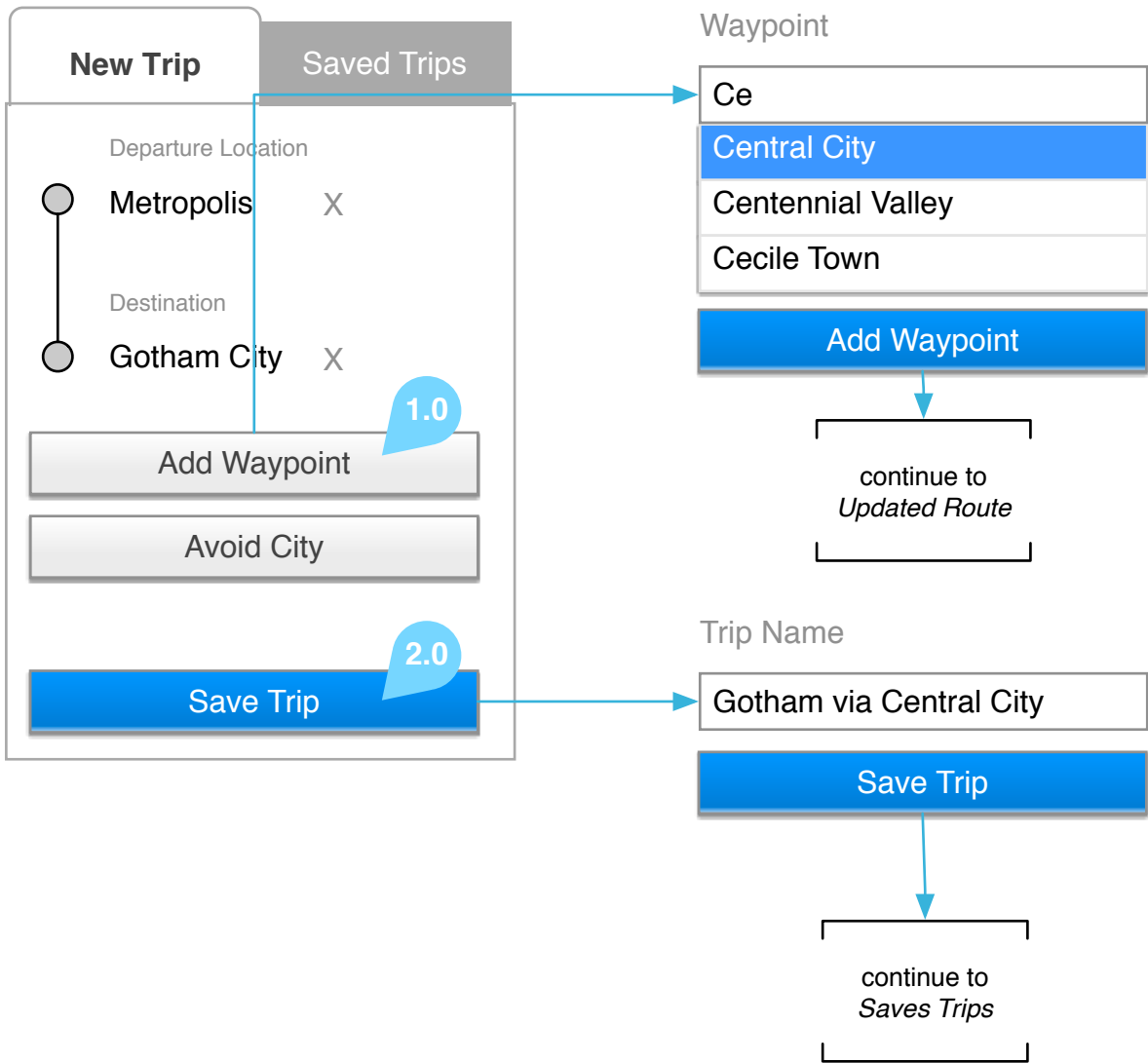
2.0 Buttons — Route Customization
Based on the persona, both adding and avoiding a city are equally important actions to take and the respective buttons should be displayed with identical visual prominence in proximity to the route view.

3.0 Map View
The map view should display the available routes between the departure and destination cities. When the route is altered, the map should update.

Wireframe — Route Customization

New Trip | Saved Trips

Departure Location

Metropolis   X

Destination

Gotham City   X

Add Waypoint   **1.0**

Avoid City

Save Trip   **2.0**

Waypoint

Ce

Central City

Centennial Valley

Cecile Town

Add Waypoint

continue to
Updated Route

Trip Name

Gotham via Central City

Save Trip

continue to
Saves Trips

Using the options in the trip view will contextually reveal input mechanisms.
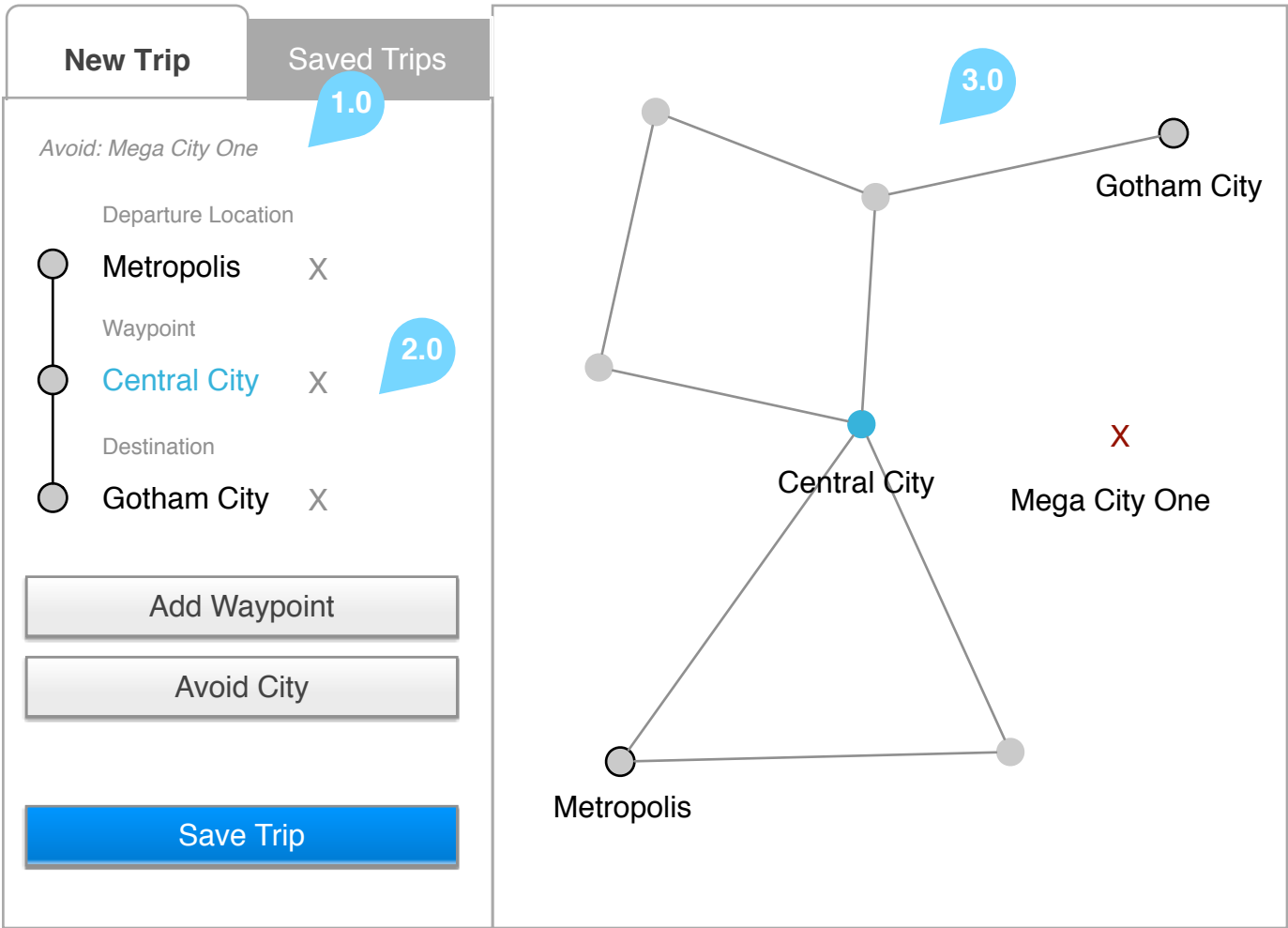
1.0 Buttons — Alter Route
On click the buttons will reveal a city selector input field identical in behavior as the departure and destination city ones. This includes suggestions as the user types. Once the submit button "Add Waypoint" or "Avoid City" is clicked, the route alteration will be applied and displayed in the route view. The map will also be updated to reflect the changes.

2.0 Button — Save Trip
On click, the user will be prompted to name the trip. On click on the submit button "Save Trip" the trip is saved and will be accessible under "Saved Trips".
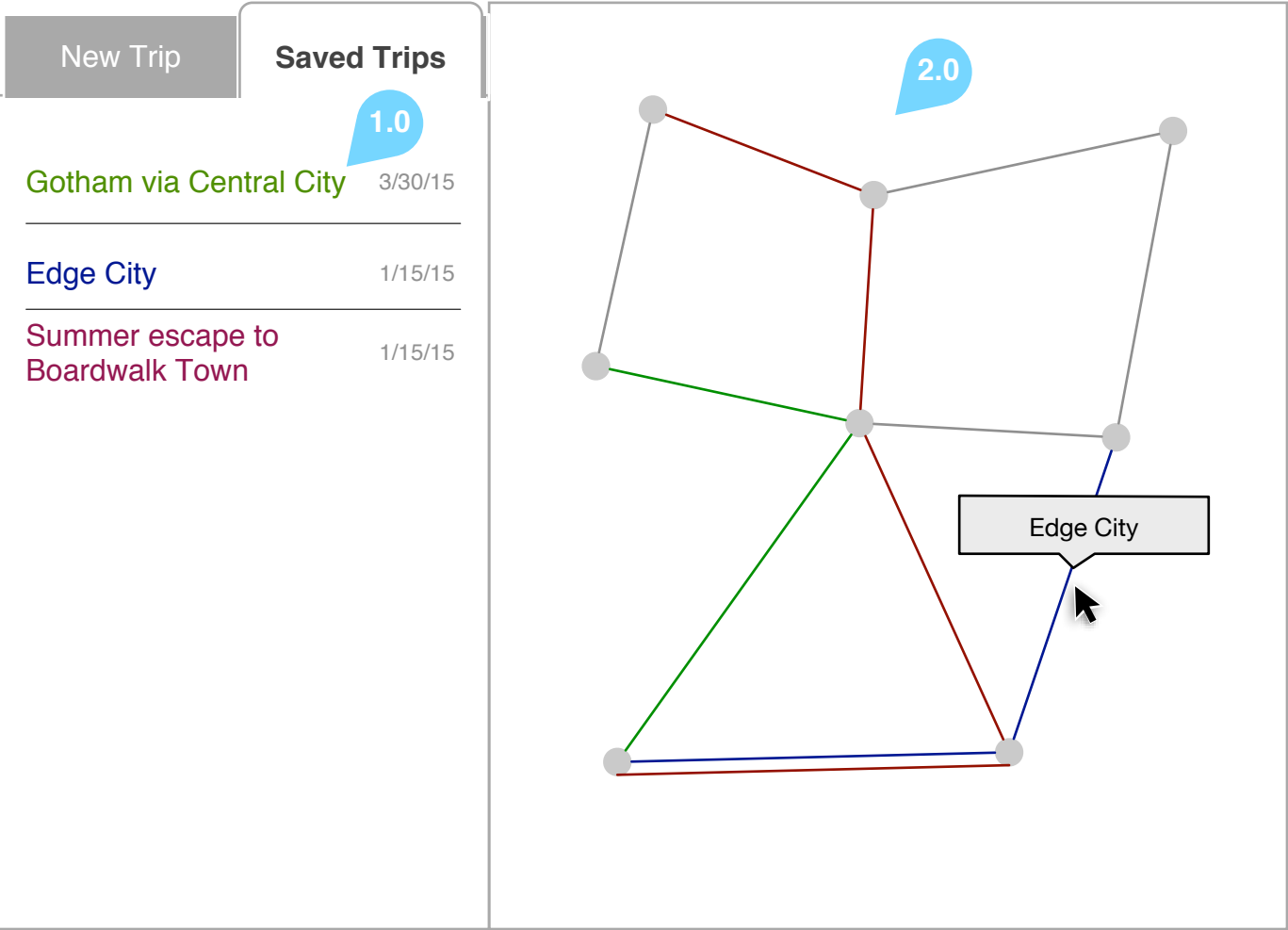
Wireframe — Updated Route

New Trip

Saved Trips

1.0

Avoid: Mega City One

Departure Location

Metropolis   X

Waypoint

2.0

Central City   X

Destination

Gotham City   X

Add Waypoint

Avoid City

Save Trip

3.0

Gotham City

Central City

X

Mega City One

Metropolis

The adjustments made to the journey should be visible in the route view as well as the map view.

1.0 Text — Route restrictions
Route restrictions are a list of cities to be avoided based on user request. These will be displayed at the top of the route panel as they are global conditionals of the trip.

2.0 List entry —Waypoint
Any added city along the way will be added and labelled as a waypoint. It will appear between the departure and destination cities in the order it has been added. The user can at any time by dragging a waypoint (see 'App Interface' 1.2)

3.0 Map —Updated Route Display
All adjustments to the route will be indicated on the map. Waypoints will be highlighted, as are avoided cities. After every change, the map will update to only show the remaining route options that meet all the criteria.

Wireframe — Saved Trips

| New Trip | **Saved Trips** |

1.0

Gotham via Central City — 3/30/15

Edge City — 1/15/15

Summer escape to Boardwalk Town — 1/15/15

2.0

Edge City

Saved trips are accessible in list form and on click are opened in the Route Customization View.

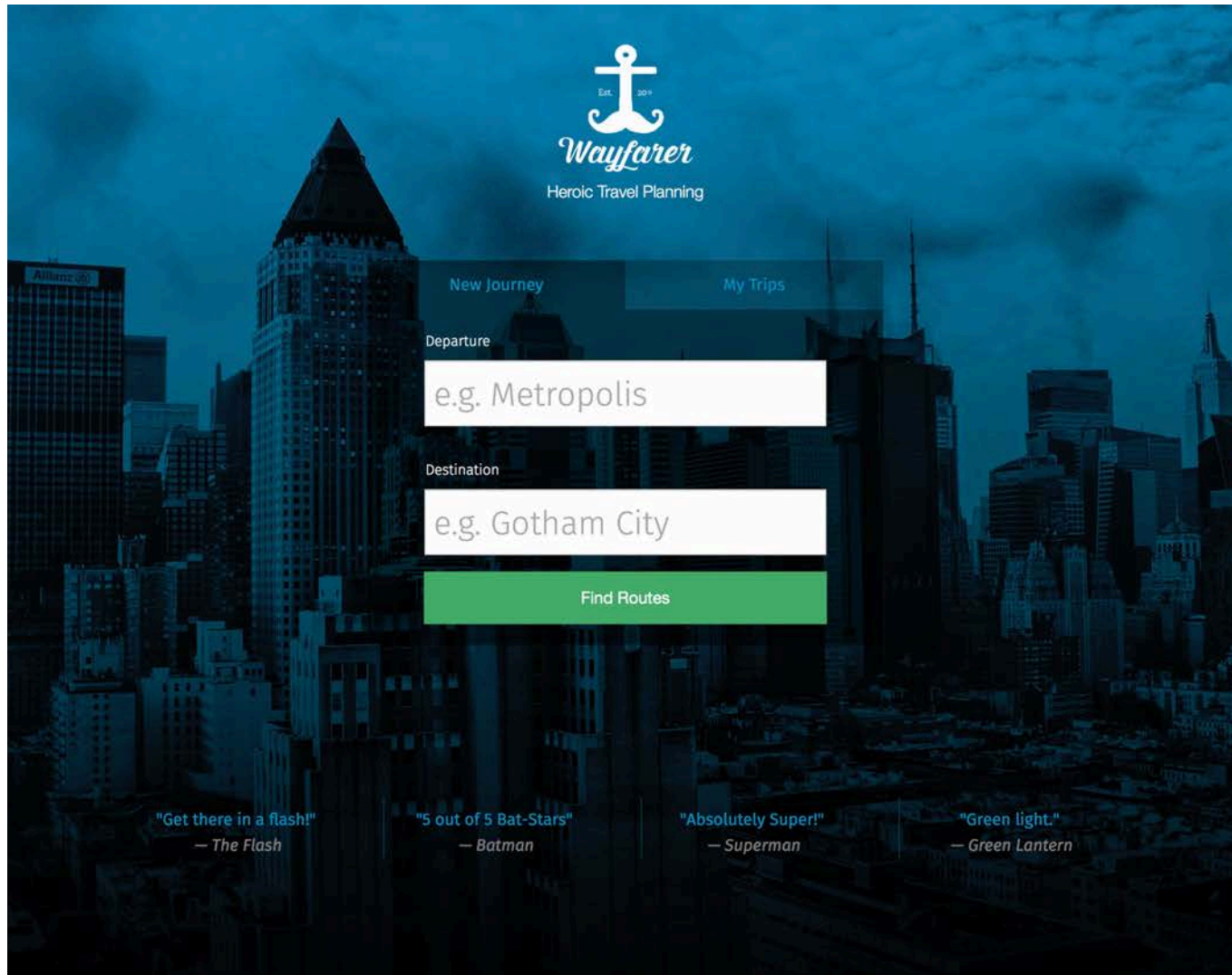## 1.0 List Entry — Saved Trip
Trips are sorted backwards by date of creation.

2.0 Map View
All saved trips are outlined on the map. On hover, a route is identified through a tooltip featuring the name. On click the selected route is opened in the route customization view.

The prototype for the Wayfarer app illustrates some of the interactions described above.

Prototype URL
http://tobystereo.github.io/wayfarer/

Scope
The prototype includes the homepage and the *Route Customization View*. It does not include the *My Trips View*. It also does not include actual business logic.

Task
You are a DC Comics superhero on a mission. You have to find the best route from *Metropolis* to *Gotham City*. But you need to go through *Central City* and must make sure to avoid *Mega City One*, as the kryptonite pollution would significantly slow you down.

Find the best routes and save the trip.

(Note: nothing will happen after clicking the *Save* button)

Thank You

Thank you very much for this opportunity.

Sincerely,

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