


Spicy Avocado


Design Reflection

Heuristic Evaluation

1. Use Fitt's Law


<p>“Sign In” and “Create Account” are large buttons on the side panel so that users will have an easy time creating / signing in to their own accounts (for saving trips in the future).</p>

2. Speak the user's language

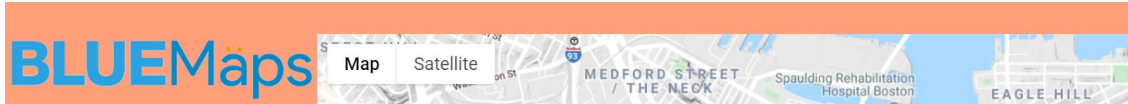

<p>The input boxes for addresses are labeled short and concisely to quickly allow users to understand what is needed to use the app. In the future, it may be good to add a small tutorial message to teach first time users how to use the app.</p>

3. Consistent naming & icons


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Our goal is to use consistent icons when displaying routes as either walking or biking routes; however, this feature is not yet implemented.

4. Information scent



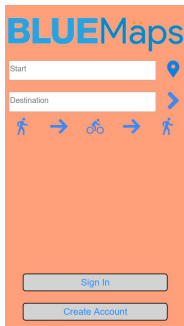
In the future, we'd like to add some indication of what page the user is currently looking at (e.g. via breadcrumbs on top of the page).

5. Follow conventions





We decided to use conventional icons are commonly used for maps and navigational app so that users will have an intuitive understanding of what each button does.

6. Show location & structure










The sidebar on the left provides links to other features of BlueMaps. Ideally, a title at the top center of the page would be helpful for indicating where a user currently is.

7. Accelerators

<div><input type="text" value="Start"/></div> <div><input type="text" value="Destination"/></div>	<div></div> <div></div>
<p>We currently do not have any accelerators. In the future, it may be good to add accelerators for users to easily add a trip to their favorites.</p>	


8. Keep paths short

<div></div> <div><input type="text" value="Start"/></div> <div><input type="text" value="Destination"/></div> <div></div>	
<p>Planning a new trip can easily be done by completing the address form located on the top left of the page, which will be available without navigating to any specific page.</p>	

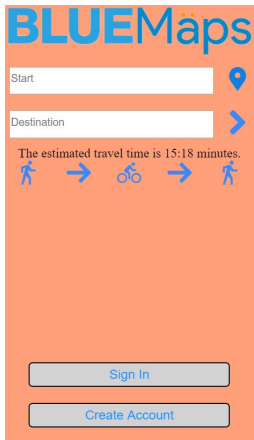
9. Undo & cancel

<div><div>We have a trip! (Start: Simmons Hall & End: Media Lab)</div><div>End Trip</div></div>
<p>In the future, we'd like to add the ability for users to save their favorite trips and incorporate undo & cancel ideas with regards to deleting and saving trips.</p>

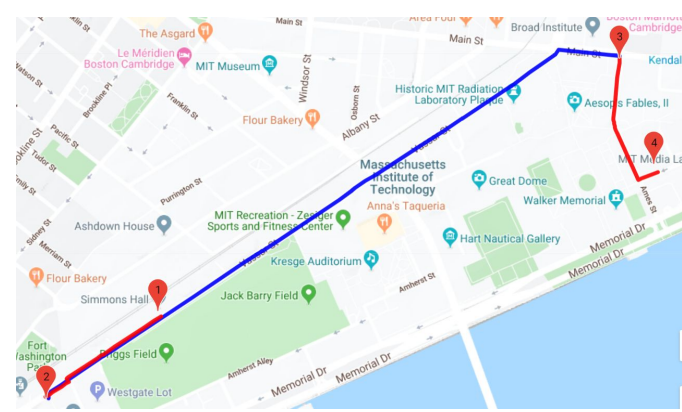
10. Perceptual fusion


<p>Our design can be improved by adding a visual indication that the webpage is loading (and computing the shortest path in the background).</p>

11. Gestalt principles of grouping

	<p>Related text boxes and buttons are grouped together (address inputs) while different buttons (address inputs vs. account) are spaced further apart.</p>
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12. Recognition vs recall

	<p>Our trips are currently color-coded such that red routes are by walking and blue routes are by biking. However, we do not explicitly write this. To improve our app, we will add a description for the routes in the future to incorporate elements of recognition instead of recall.</p>
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13. Anticipation & context

Sign In

Create Account

Account

My Trips

Sign Out

In the future, we will update options on the side panel depending on whether the user has logged in or not and display appropriate actions for the user to choose from based on their status.