

# User Manual

*The Hudson Hackers, LLC*

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## Table of Contents

[Table of Contents](#)

[Starting the Webpage](#)

[Pages](#)

[Splash Page](#)

[Current Itinerary Page](#)

[Manage](#)

[About](#)

[Starting Out](#)

[Making an Itinerary](#)

[Nav Bar Venue Search](#)

[Map](#)

[Search Results Sidebar](#)

[Itinerary Controls](#)

[Manage](#)

## Starting the Webpage

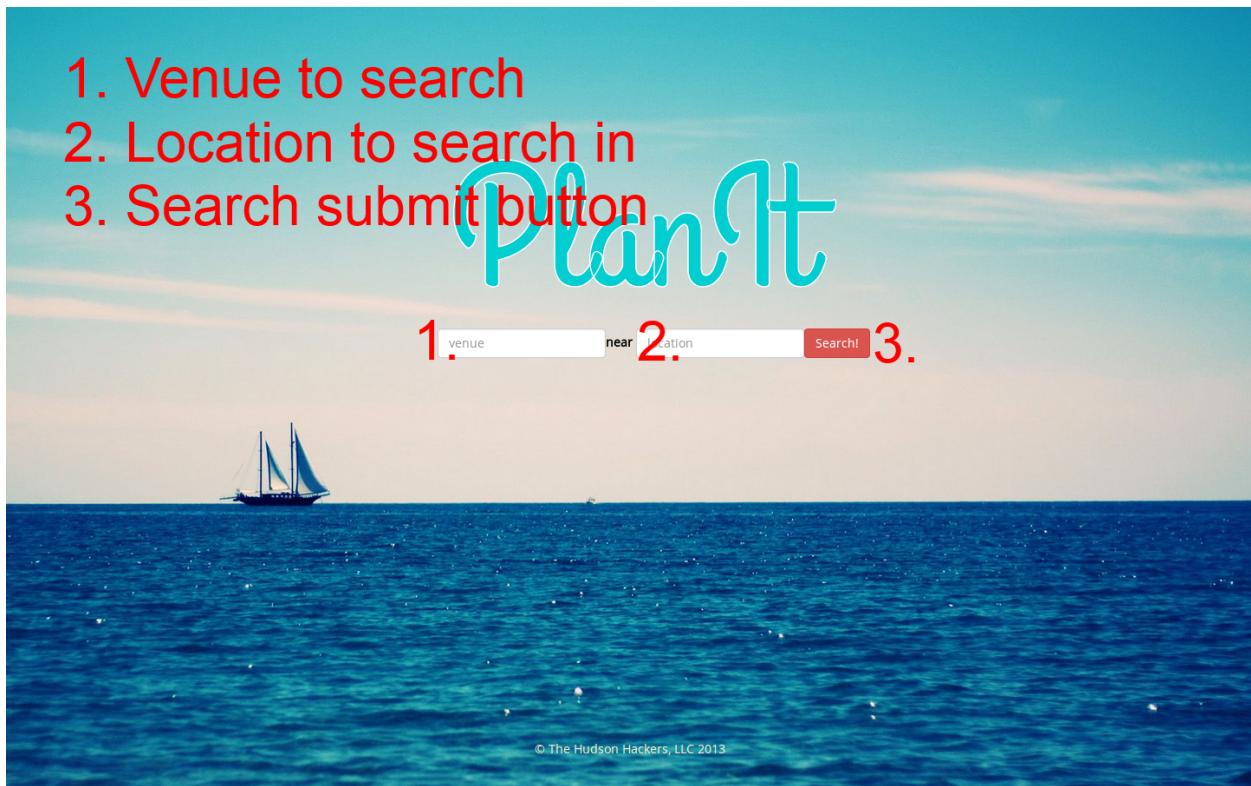
Change into the project's parent directory and start a simple HTTP server of your choice. We recommend Python's SimpleHTTPServer

```
$ python -m SimpleHTTPServer
```

Open in the specified port in Chrome. Enjoy!

## Pages

### Splash Page



## Current Itinerary Page

1. coffee    2. seattle    3. Search    4. New    5. Manage    6. About    7. Name Your Itinerary...    8. Your itinerary is empty. Search and add results above!    9. 10. 11. 12.

1. Venue to search
2. Location to search in
3. Focus search button
4. Search submit button
5. New itinerary
6. Manage page
7. About page
8. Clear blue search result markers
9. Route current itinerary
10. Save itinerary
11. Itinerary title
12. Itinerary list

1. New    2. Manage    3. About    4. Name Your Itinerary...    5. Espresso Vivace    6. Seattle Coffee Works    7. Remedy Teas    8. Citizen Coffee    9. Victrola Cafe and Roastery    10. Espresso Vivace    11. Milstead & Co.    12. Analog Coffee    13. Oddfellows Cafe    14. Caffé Vita    15. Stumptown Coffee Roasters    16. Victrola    17. Bedlam Coffee    18. Zeitgeist Kunst & Kaffee    19. Oasis Tea Zone    20. Stumptown Coffee Roasters    21. Monorail Espresso    22. Bauhaus Books & Coffee    23. Joe Bar    24. Cafe Solstice

1. Collapse itinerary list
2. Expand itinerary list
3. Sidebar search results
4. Blue search result marker
5. Venue information popup

## Manage

The screenshot shows the 'Manage' section of the PlanIt application. At the top, there's a navigation bar with 'PlanIt' logo, search fields for 'venue' and 'near location', a 'Start New Itinerary' button, and links for 'Manage' (with a notification badge) and 'About'. Below the navigation, the main content area has a heading 'My Itineraries'.

Numbered callouts point to specific elements:

1. Venue to search (near location search field)
2. Location to search in (near location search field)
3. New Itinerary submit button (Start New Itinerary button)
4. Manage page (Manage link)
5. About page (About link)
6. Itinerary title (New York Trip dropdown menu)
7. Itinerary list (List of locations: Caffè Umbria, Bauhaus Books & Coffee, El Diablo Coffee, Macy's, Otto Enoteca Pizzeria, Central Park, High Line)
8. Itinerary controls dropdown (Dropdown menu with options: View, Clone, Delete, Mail Itinerary)
9. Itinerary controls (Delete icon)

The 'New York Trip' dropdown menu lists:

- Dadong Roast Duck Restaurant
- National Art Museum of China
- Regent Beijing
- Maison Boulud

## About

The screenshot shows the 'About' section of the PlanIt application. At the top, there's a navigation bar with 'PlanIt' logo, search fields for 'venue' and 'near location', a 'Start New Itinerary' button, and links for 'Manage' (with a notification badge) and 'About'.

Numbered callouts point to specific elements:

1. Venue to search (near location search field)
2. Location to search in (near location search field)
3. Manage page (Manage link)
4. About page (About link)

The main content area has a heading 'About' and a bio for the Hudson Hackers:

The Hudson Hackers were established in 2013. They were brought together by their mutual desire to plan itineraries and love of JavaScript. PlanIt became their first major project, which they sold to FourSquare for \$1000. Tragically, the Hackers disappeared from the public eye after the sale of PlanIt. However, locals say you can still hear the sound of their keyboards clicking on late nights in East Campus.

## How to Use PlanIt

5. 1. Venue to search
2. Location to search in
3. Manage page
4. About page
5. Documentation
6. About us

## Team

### 6.

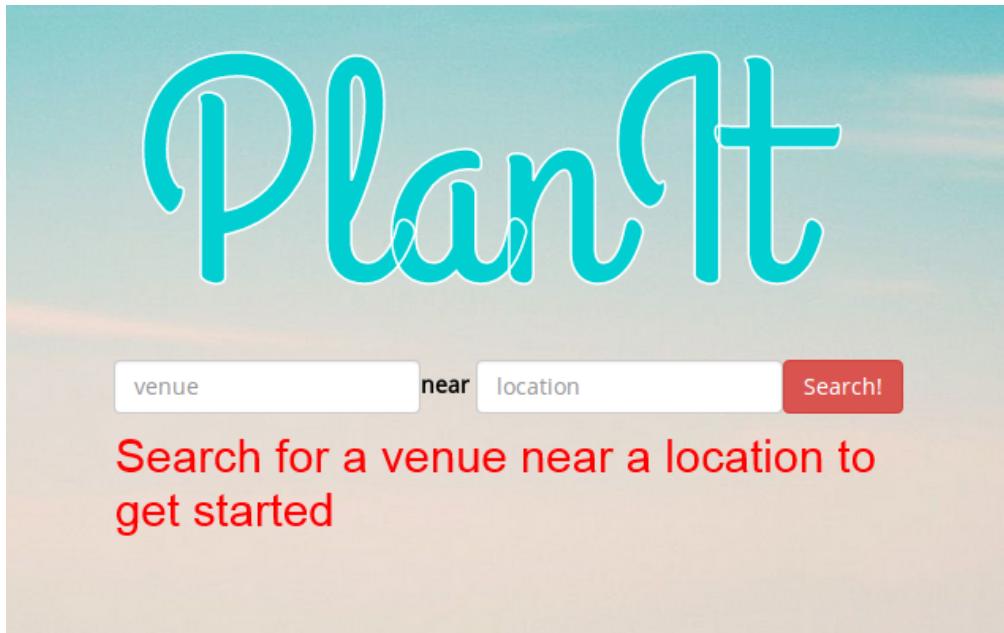
- **Sean Wong** is a senior studying computer science at Columbia University. He enjoys long walks on the moon, and eats cereal for breakfast.
- **Stephen Zhou** is a senior studying computer science at Columbia University. He doesn't like you.
- **Will McAuliff** is a senior studying computer science at Columbia University. He has a level 100 Charizard and wants to be the very best, like no one ever was.
- **Emily Schultz** is a senior studying computer science at Columbia University. She can tweet and check in like nobody's business. She's the libero on this team.

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## Starting Out

You will first be greeted by a splash page.

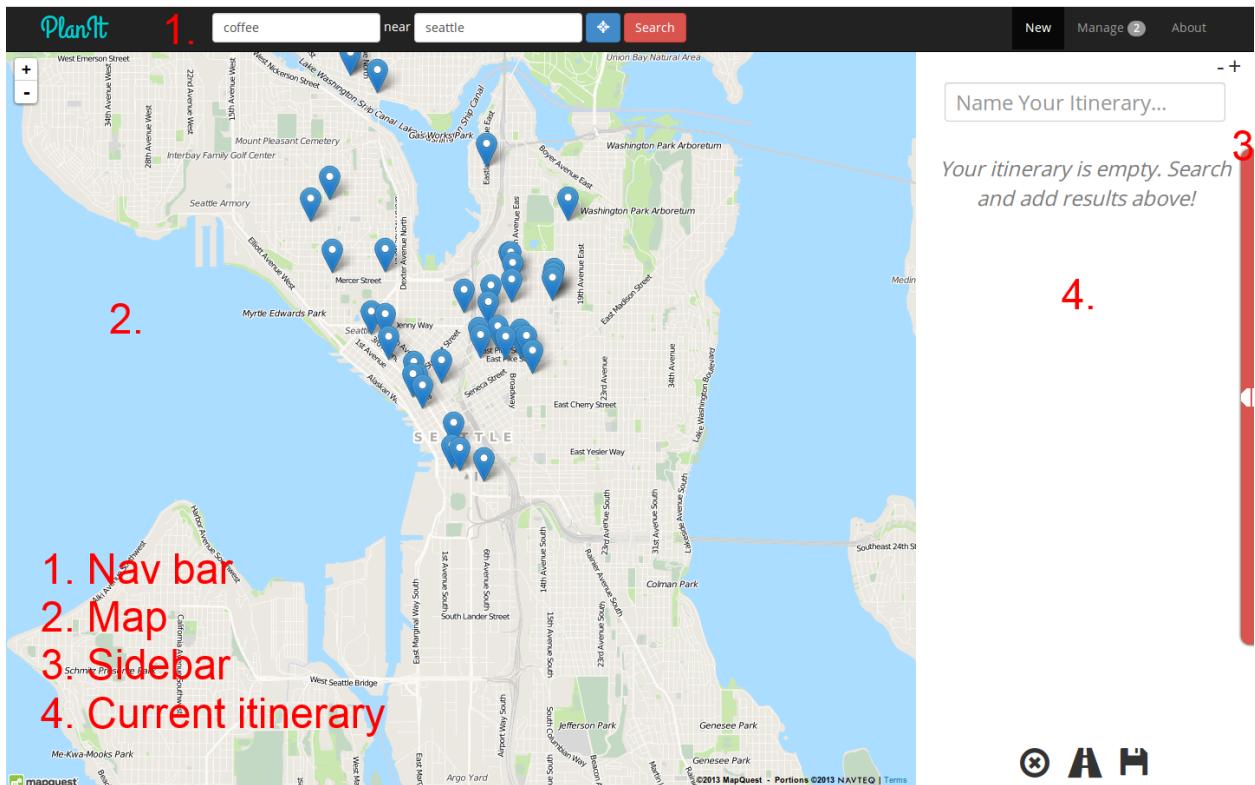
It prompts you to search for a venue in a city. Once inputted, PlanIt redirects you to the new itinerary page. Using the results from your search, you can now start adding venues to your current itinerary.



## Making an Itinerary

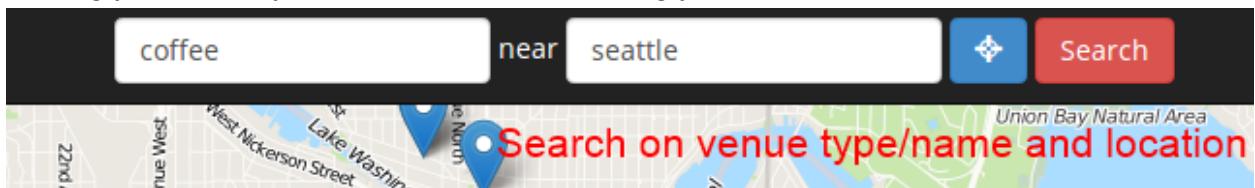
The new itinerary page is separated into four distinct components.

1. Nav bar on the top with venue searching functionality
2. Map on the left that displays venues matching your query
3. Sidebar that holds the search results
4. Current itinerary and itinerary control buttons on the right

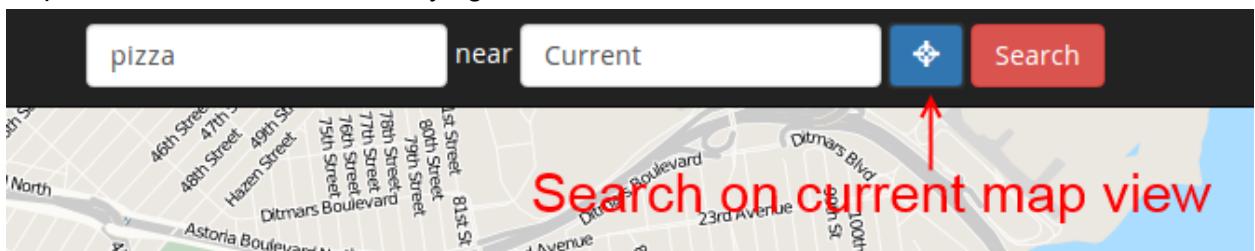


## Nav Bar Venue Search

Adding a venue starts with a search. Enter a venue name around a certain location to begin building your itinerary. Click ‘Search’ after entering your search terms.

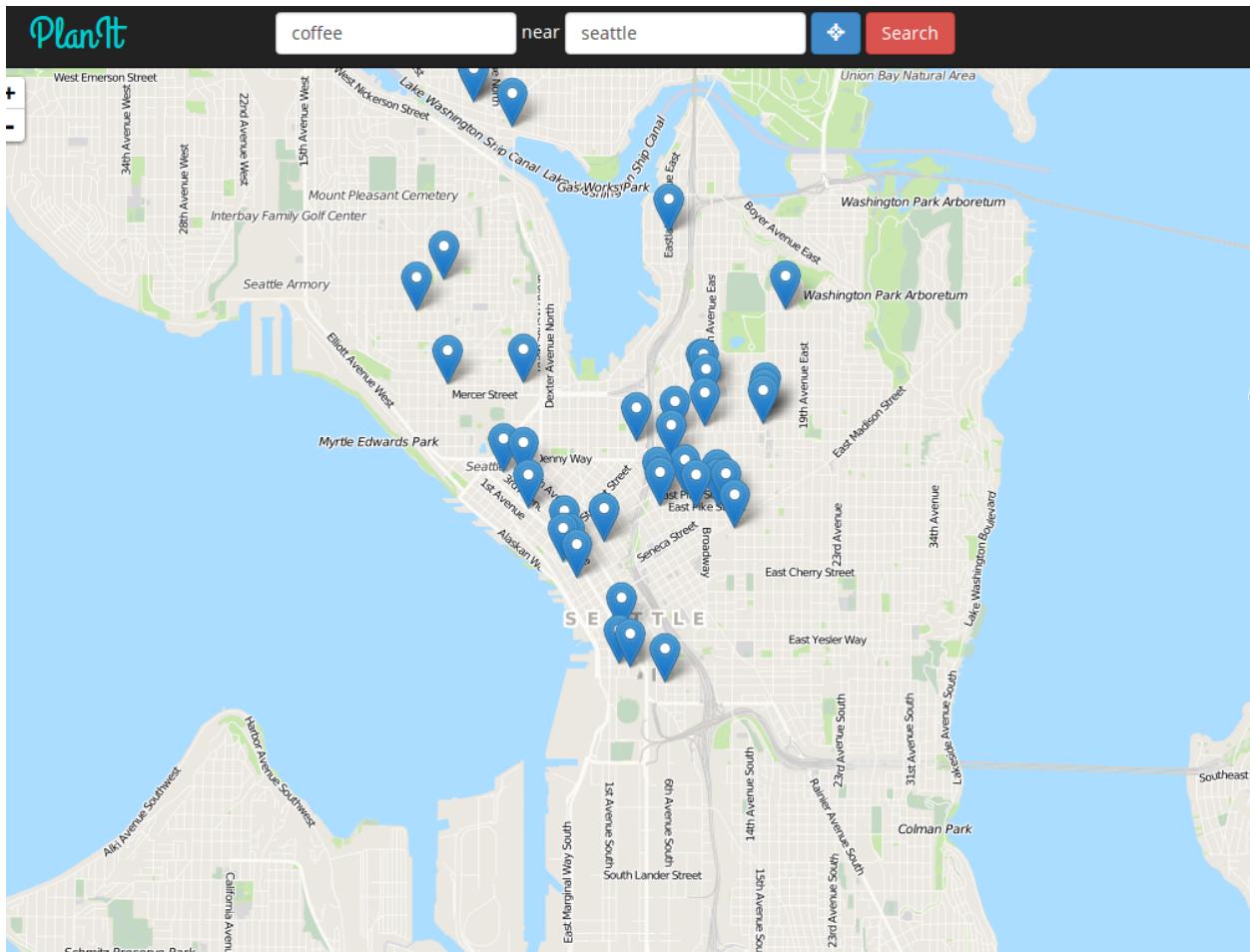


Alternatively, you can click on the blue focus search button. This fills the location text with “Current” and submits the form, which searches for venues around the center of the current map view with search radius varying with zoom level.

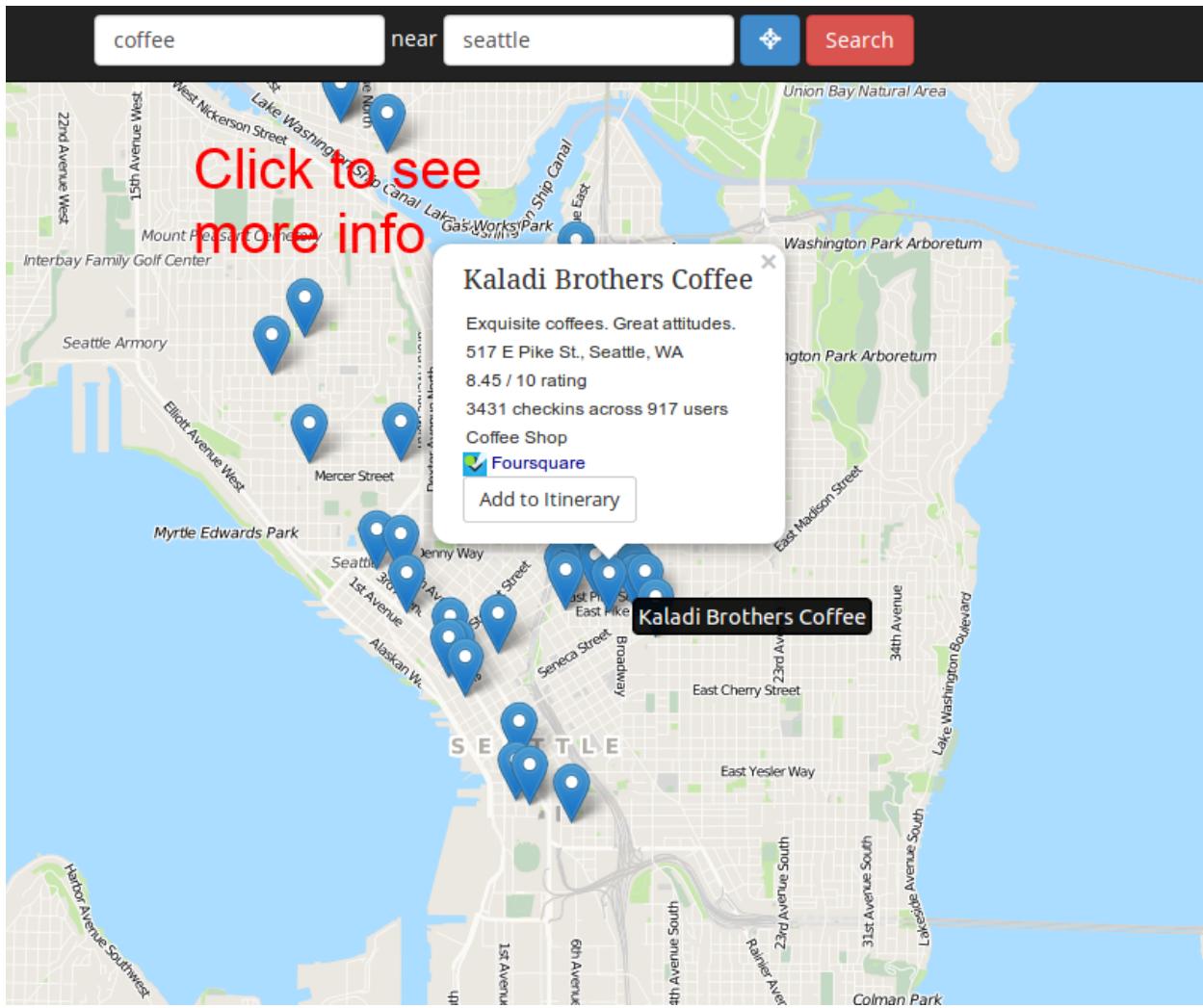


## Map

Upon searching, PlanIt first centers the map view around the location and then populates the map with the 40 closest venues to the map location.



Clicking on an individual map marker gives you more information about the venue, a link to its Foursquare page, and an option to add the venue to your current itinerary.



## Search Results Sidebar

The search result names are also populated in the expandable sidebar to the right. Mouse over the red sidebar to see the search results.

Your itinerary is empty. Search and add results above!

## Search Results

- Espresso Vivace
- Seattle Coffee Works
- Remedy Teas
- Citizen Coffee
- Victrola Cafe and Roastery
- Espresso Vivace
- Milstead & Co.
- Analog Coffee
- Oddfellows Cafe
- Caffé Vita
- Stumptown Coffee Roasters
- Victrola
- Bedlam Coffee
- Zeitgeist Kunst & Kaffee
- Oasis Tea Zone
- Stumptown Coffee Roasters
- Monorail Espresso
- Bauhaus Books & Coffee
- Joe Bar
- Cafe Solstice

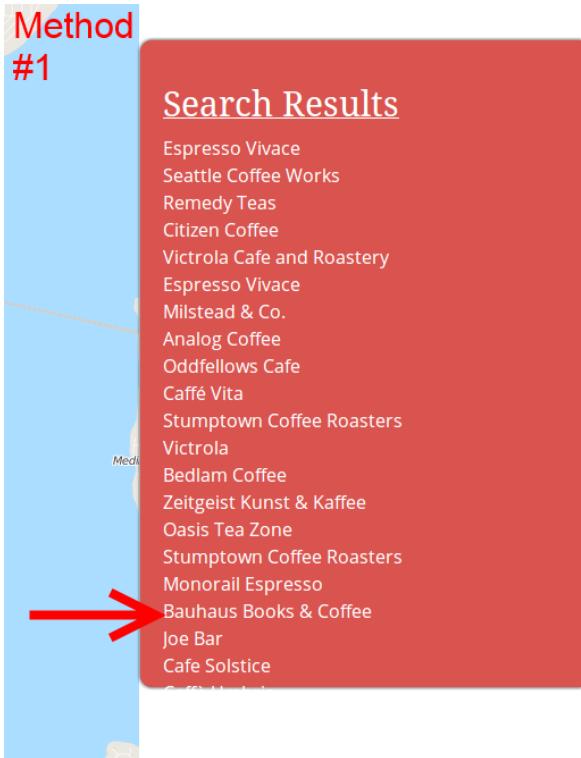
Mousing over side bar expands search results

Mousing over the name adjusts the map to the selected venue, opens its popup, and turns its color pink to indicate its location and additional information.

Mousing over sidebar search results highlights marker on map

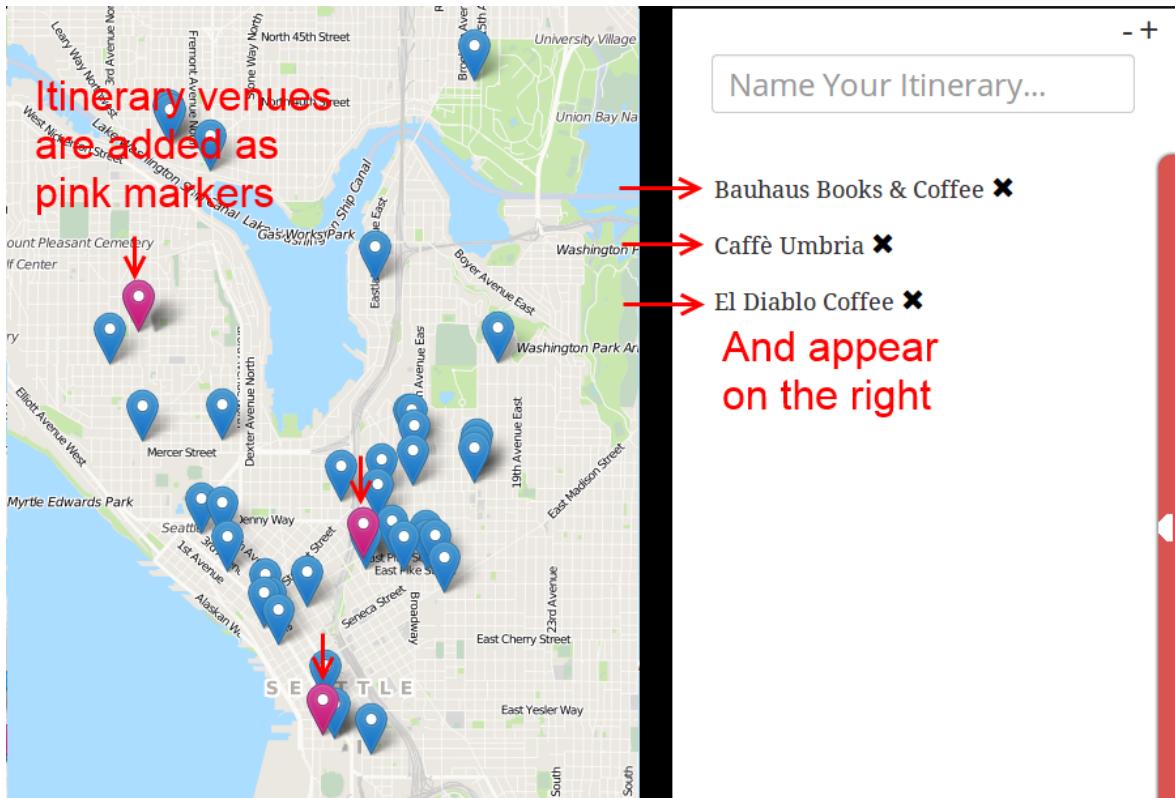
The screenshot shows the PlanIt application interface. At the top, there is a search bar with the text "coffee" and "near seattle". Below the search bar is a map of Seattle with several blue location markers scattered across the city. A red arrow points from the sidebar search results list to one of these markers on the map. A tooltip for "Bauhaus Books & Coffee" is displayed on the map, containing details about the venue. The sidebar on the right lists the same search results as the previous image, with "Bauhaus Books & Coffee" highlighted in pink. The sidebar also includes a "Name Your Itinerary..." input field and a "Search Results" heading.

If you are satisfied with a venue, there are two ways to add it to your itinerary. You can either (1) mouseover the red sidebar and then click on a venue on the red sidebar, or (2) click on a blue marker and then click on the “Add to Itinerary” button on the popup.



## Itinerary Controls

Anytime a venue is added, it appears on the right.



Clicking on a name let's you view more information about the venue, like description, rating, checkin count, number of users, and more.

**Name Your Itinerary...**

**Click on name to expand info**

**Bauhaus Books & Coffee ✖**

Ever since bauhaus opened in 1993, it's been the spot to bring a book and tune out over a cup of coffee--and more recently, tune in over your wi-fi laptop. Big windows offer spectacular views of the space needle as well as the neighborhood foot traffic.

301 E Pine St, Seattle, WA

8.74 / 10 rating

11742 checkins across 3789 users

Coffee Shop, Bookstore, Café

Foursquare

**Caffè Umbria ✖**

**El Diablo Coffee ✖**

The top right also has '+' and '-' buttons to expand and collapse all venue details.

**Collapse all** → - + **Expand all**

Name Your Itinerary...

**Bauhaus Books & Coffee** ✖

Ever since bauhaus opened in 1993, it's been the spot to bring a book and tune out over a cup of coffee--and more recently, tune in over your wi-fi laptop. Big windows offer spectacular views of the space needle as well as the neighborhood foot traffic.

301 E Pine St, Seattle, WA  
8.74 / 10 rating  
11742 checkins across 3789 users  
Coffee Shop, Bookstore, Café  
 [Foursquare](#)

**Caffè Umbria** ✖

Caffè Umbria's flagship retail store is centrally located in Seattle's historic Pioneer Square. The café offers an authentic Italian bar experience complete with expertly pulled espresso drinks, pastries, panini, gelato and fine Italian beer and wine.

320 Occidental Ave. S, Seattle, WA  
8.48 / 10 rating  
5268 checkins across 1635 users  
Coffee Shop, Café  
 [Foursquare](#)

**El Diablo Coffee** ✖

The place to meet in Seattle for Cuban flavor and inspiration. Try delicious espresso and meals from both our Cuban and Seattle menus.

1811 Queen Anne Ave. N, Seattle, WA

You can also rearrange your itinerary by dragging and dropping individual venues.

### Caffè Umbria ✕

Caffè Umbria's flagship retail store is centrally located in Seattle's historic Pioneer Square. The café offers an authentic Italian bar experience complete with expertly pulled espresso drinks, pastries, panini, gelato and fine Italian beer and wine.

810 Occidental Ave. S, Seattle, WA

8.48 / 10 rating

5014 checkins across 1635 users

### Coffee Shop, Café Bauhaus Books & Coffee ✕

Ever since bauhaus opened in 1993, it's been the spot to bring a book and tune out over a cup of coffee--and more recently, tune in over your wi-fi laptop. Big windows offer spectacular views of the space needle as well as the neighborhood foot traffic.

301 E Pine St, Seattle, WA

8.74 / 10 rating

11742 checkins across 3789 users

Coffee Shop, Bookstore, Café

✓ Foursquare

Drag to  
reorder

### El Diablo Coffee ✕

The place to meet in Seattle for Cuban flavor and inspiration. Try delicious espresso and

If you just want to see your selected pink itinerary markers without the blue search results, you can clear the blue search results by clicking the x button on the bottom.

Coffee Shop, Café  
✓ Foursquare

### Bauhaus Books & Coffee ✕

Ever since bauhaus opened in 1993, it's been the spot to bring a book and tune out over a cup of coffee--and more recently, tune in over your wi-fi laptop. Big windows offer spectacular views of the space needle as well as the neighborhood foot traffic.

301 E Pine St, Seattle, WA

8.74 / 10 rating

11742 checkins across 3789 users

Coffee Shop, Bookstore, Café  
✓ Foursquare

### El Diablo Coffee ✕

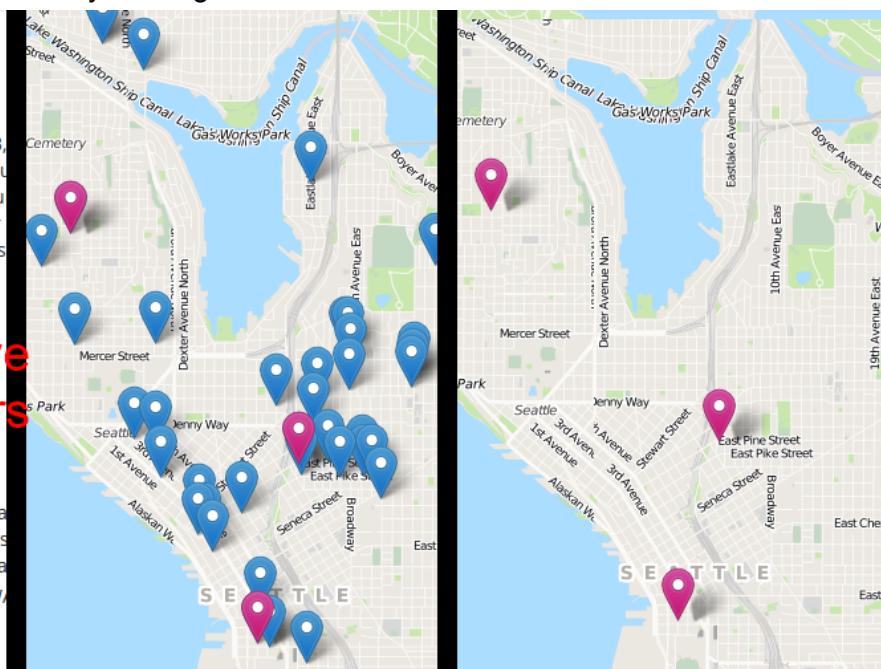
The place to meet in Seattle for Cuban flavor and inspiration. Try delicious espresso and meals from their Cuban and Sea

1811 Queen Anne Ave. N, Seattle, WA

Click to remove  
search markers



A H



You can also determine a good route to take by clicking the route map road button on the bottom. This uses Mapquest to find a route for you to take.

## Bauhaus Books & Coffee

Ever since bauhaus opened in 1993, it's been the spot to bring a book and tune out over a cup of coffee--and more recently, tune in on your wi-fi laptop. Big windows offer spectacular views of the space needle as well as the neighborhood foot traffic.

301 E Pine St, Seattle, WA

8.74 / 10 rating

11742 checkins across 1739 users

Coffee Shop, Bookstore, Café

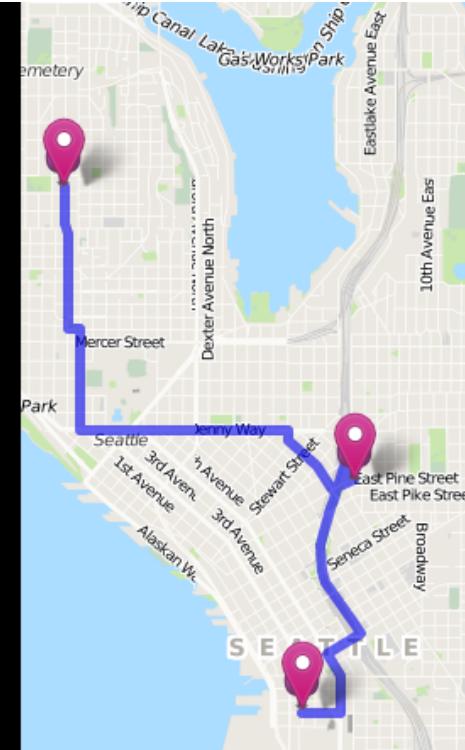
 Foursquare

**Click to route itinerary**

## El Diablo Coffee

The place to meet in Seattle for Cuban flavor and inspiration. Try delicious espresso and meals from both our Cuban and Seattle me

1811 Queen Anne Ave. N., Seattle, WA



Finally, once you are satisfied with your itinerary, give your itinerary a name on the top and click the floppy disk save button the bottom to save your results. Now you can go to the Manage page to view all your saved itineraries.

The screenshot shows a travel itinerary creation interface. At the top, there's a search bar containing the text "Coffee tour in Seattle". Below it, a red arrow points to a text input field labeled "Name your itinerary". The input field contains the placeholder text "Name your itinerary". To the right of the input field, there's a list of three coffee shop entries:

- Caffè Umbria** (with a delete icon) - Located in Seattle's historic Pioneer Square, offering an authentic Italian bar experience with espresso drinks, pastries, panini, gelato, and fine Italian beer and wine. Address: 320 Occidental Ave. S, Seattle, WA. Rating: 8.48 / 10. Checkins: 5268 across 1635 users. Category: Coffee Shop, Café. Foursquare link.
- Bauhaus Books & Coffee** (with a delete icon) - Opened in 1993, it's a spot to bring a book and tune out over a cup of coffee, with views of the Space Needle and neighborhood foot traffic. Address: 301 E Pine St, Seattle, WA. Rating: 8.74 / 10. Checkins: 11742 across 3789 users. Category: Coffee Shop, Bookstore, Café. Foursquare link.
- El Diablo Coffee** (with a delete icon) - A place to meet in Seattle for Cuban flavor and inspiration, serving delicious espresso and meals from both their Cuban and Seattle menus. Address: 1811 Queen Anne Ave. N, Seattle, WA.

Below the list are four small icons: a circle with an X, a square with an A, a square with a H, and a square with a Save button. A red arrow points down towards the "Save" button.

## Manage

The manage page displays all your saved itineraries in a list format.

# My Itineraries

The screenshot shows the "My Itineraries" page with two saved trips listed:

- Coffee tour in Seattle** (with a dropdown arrow) - Includes locations: Caffè Umbria, Bauhaus Books & Coffee, El Diablo Coffee.
- New York Trip** (with a dropdown arrow) - Includes locations: Macy's, Otto Enoteca Pizzeria, Central Park, High Line.

In the manage console, you can interact with your saved itineraries. Clicking view opens the itinerary up in the current itinerary page. Clone duplicates the itinerary. Delete deletes the itinerary. And mail opens a mailto link to easily email the itinerary.

The screenshot displays the manage console interface for saved itineraries. At the top, there is a header bar with the title "Manage Itineraries". Below the header, two saved itineraries are listed:

- Coffee tour in Seattle**: This itinerary includes three locations: Caffè Umbria, Bauhaus Books & Coffee, and El Diablo Coffee. To the right of the itinerary name is a dropdown menu with the following options:
  - View
  - Clone
  - Delete
  - Mail Itinerary
- New York Trip**: This itinerary includes two locations: Macy's and Otto Fnoteca Pizzeria. To the right of the itinerary name is a dropdown menu with the following options:
  - View
  - Clone
  - Delete
  - Mail Itinerary