Use Cases
for
- Waitster -
Version 1.0
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CS 411 Software Engineering
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Use Case List

ID	Primary Actor	Use Case Title
101	Party Animal	Search for desired location to look at wait times.
111	Party Animal	Estimated wait time for future visit for targeted restaurant
200	The BOSS	View competition/popularity within radius of restaurant
150	Party Animals	Sending an invitation to a friend, inviting them to a location found on Waitster

Use Case 101

Use Case ID:	101	
Use Case Name:	Search for a wait times in a location.	
Created By:	Kristel, Joanne, Shreya, Ibrahim	Last Updated By: Joanne
Date Created:	02/21/16	Date Last Updated: 04/17/16

Actors:	Party Animal
Description:	Party Animals will input a location and the current wait times within that location will be displayed.
Trigger:	Clicking the search button/hitting enter.
Preconditions:	1. Party Animal knows what location he/she wants to go to. 2. Targeted location is in delivery.com database
Postconditions:	1. Restaurants within location are displayed. 2. Business hours, contact information, and link to view are shown for each restaurant. 3. Update number of clicks for restaurant in database.
Normal Flow:	101.0. Party animal searches for a location and clicks enter. 101.1. New page loads displaying relevant restaurants displaying information regarding business hours, current wait time, and contact information.
Alternative Flows:	No alternative flow.
Exceptions:	101.1.E.1. Location is mistyped and no similar results are found. Page prompts user to try again and links user to search page. 101.1.E.2. Restaurant delivery time is unavailable in location. This could be due to holidays, changed hours, weather restrictions, or other factors that affect the restaurant's ability to deliver food. Page displays "sorry message" indicating statement about wait time not being able to be displayed.

Includes:	Reveals (shows) Case #111 after Party Animal is at restaurant page
Priority:	**High**
Frequency of Use:	Twice a day on average
Business Rules:	N/A
Special Requirements:	1. Response time after party animal searches 2. Database size constraint
Assumptions:	1. Delivery times available to calculate wait time
Notes and Issues:	1. Restaurant listings will be limited to restaurants on delivery.com

Revision History

Name	Date	Reason For Changes	Version
Joanne	04/17/16	Update functionality of search bar--searching for restaurants by location.	101.1

Use Case 111

Use Case ID:	111		
Use Case Name:	Estimated wait time for future visit for targeted restaurant		
Created By:	Joanne, Ibrahim	Last Updated By:	Joanne Huang
Date Created:	03/14/16	Date Last Updated:	04/23/16

Actors:	Party Animal
Description:	Party Animal will determine future wait time of a restaurant based on weekly average wait time in desired location.
Trigger:	Clicking the restaurant name link.
Preconditions:	1. Party animal is on results page.
Postconditions:	1. Restaurant and average wait time for days of the week are displayed.
Normal Flow:	111.0. Party animal clicks on restaurant name link. 111.1. A page is loaded displaying more information about the restaurant and average weekday wait times are loaded.
Alternative Flows:	111.1. A page is loaded but there will are no average weekday wait times from API. An empty chart is displayed.
Exceptions:	N/A
Includes:	Also shows Case#101 (current time)
Priority:	**Medium**
Frequency of Use:	Twice a month on average
Business Rules:	None
Special Requirements:	1. Response time after party animal searches 2. Database size constraint
Assumptions:	1. Delivery times available to calculate wait time 2. Party animal is within the Greater Boston area.

Notes and Issues:	1. Need wait times in database in order for a chart of wait times to be displayed.

Revision History

Name	Date	Reason For Changes	Version
Joanne	04/23/16	Updated future wait time functionality	111.1

Use Case 200

Use Case ID:	200		
Use Case Name:	View competition/popularity within radius of restaurant		
Created By:	Joanne and Ibrahim	Last Updated By:	Joanne
Date Created:	03/14/16	Date Last Updated:	04/17/16

Actors:	The BOSS
Description:	The BOSS or Party Animal will input a restaurant name and location to look at the popularity within that location.
Trigger:	The BOSS/ Party Animal will enter location and press search.

Preconditions:	1. The BOSS has a location to enter. 2. Targeted restaurant is in delivery.com database
Postconditions:	1. Restaurants with the wait times within the search area will be displayed on the new page in a list format. 2. Searched location will list out restaurants in that location.
Normal Flow:	200.0. The BOSS/Party Animal enters a valid search location. 200.1. A new page displaying restaurants within that area will be displayed.
Alternative Flows:	200.1.Location name is valid but no other restaurants are in indicated proximity. Page will display "sorry message".
Exceptions:	200.1.E.1. Location is mistyped and no results are found. Page prompts user to try again and links user to search page. 200.1.E.2. Nearby restaurants wait times are unavailable. This could be due to holidays, changed hours, weather restrictions, or other factors that affect the restaurant's ability to deliver food. Page displays"sorry message" indicating statement about wait time not being able to be displayed.
Includes:	Includes elements of Case#101, as it displays current wait times.
Priority:	**High**
Frequency of Use:	Once a day
Business Rules:	The Boss logically should owner/affiliate of the restaurant checking surrounding competition.
Special Requirements:	1. Response time after The Boss searches 2. Database size constraint (# of nearby restaurants)
Assumptions:	1. Delivery times available via APIs to calculate wait times 2. It takes 15 minutes to prepare food.
Notes and Issues:	1. Wait times will not be 100% accurate.

Revision History

Name	Date	Reason For Changes	Version
Joanne	04/17/16	Eliminate an actor. Update functionality of search--can only search for location.	200.1

Use Case 150

Use Case ID:	150		
Use Case Name:	Sending an invitation to a friend, inviting them to a location found on Waitster		
Created By:	Joanne and Ibrahim	Last Updated By:	Joanne
Date Created:	03/14/16	Date Last Updated:	04/23/16

Actors:	Party Animal
Description:	Party Animal invites friend to restaurant through social media plug-in through a restaurant found on Waitster.
Trigger:	Click on social media plugins/icons at the bottom of the search results.
Preconditions:	1. Party Animal has already decided and searched the desired restaurant and knows the wait time.
Postconditions:	1. Party Animal will be directed to social media page and will be prompted to the template post message.

Normal Flow:	150.0. Party Animal will click on social media (Facebook/Twitter) plugin/icon. 150.1. Pop up will ask Party Animal for authorization. 150.2. Party Animal will give permission and proceed to use social media to send message to friend or post.
Alternative Flows:	150.2 Party Animal decides not to give permission to social media page and will exit out of social media web page.
Exceptions:	N/A
Includes:	Imports results from Case# 101 and Case# 150.
Priority:	**Low**
Frequency of Use:	Once a week on average
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	1. Party Animal has social media accounts / email account. 2. Social media apps are fully functional and responsive.
Notes and Issues:	N/A

Revision History

Name	Date	Reason For Changes	Version
Joanne	04/23/16	Updated social media APIs that are used	150.1