CS 411 Team Assignment 2 – User Stories

Jason Lu
Allison Kaufman
Gaby Carrillo
Carole Sung
Group 9
CS 411 Spring 2017
Professor Donham

Application: Travel Itinerary Application

Primary User Story: Location Serialization and Notification

"For the home page, I want to be able to login and have my request successfully processed by the third-party Kerberos authentication, or try again with Captcha if denied. I want to then be able to enter a location of interest, the current weather forecast, any special accommodations my party and I may have, and other necessary criteria. The application will serialize my input / query into a log, which will probably read something like this:"

```
Name: John Smith
Address: 123 Easy Street, New Orleans, LA
Place of Interest: Paris, France
Current Weather of Paris: 45 degrees Fahrenheit
Weather forecast for [user-input] days: sunny, with a
chance of snow near Marlon Rouge and Tour De Eiffel
Clothes to bring: rain-jacket, boots, and hoodie
Special notice: none
```

"Then, after adding in my information, I would like to be able to figure out, from the traveling information given, exactly how much time I have to prepare for the travel, and the application might display some information about any plane delays (probably via an Airbnb or American Airlines database), any civil disputes (in case of problems in the destination), and most importantly, lodging and fine dining, as Paris is considered the 'City of Lights'. Finally, I would like to be able to log out of the application, and then continue to booking my flight."

"In case the application fails to display timely information, I expect it to route to a website of interest, such as the Google Maps API or Weather Channel for weather preparation and other necessity for travel, as a tour for the Louvre would be good for the rainy day scenario."

Secondary User Story: Asking Google Maps the best place for fine dining

"I am traveling (from Houston) to Boston University for a college tour with my family. We tried the original google mapping apps, but the scaling of the map is far too small to read on my iPhone 7. So, we decided to fire up an iPad, and give the travel itinerary app a whirl. I tried to also ask Siri, but all she gave me was gibberish and nonsense. So, the app takes in my input,

'Fine Dining at Boston University', and it displays me the following, as a tabular template made from a database back-end source (maybe mongoDB?):"

Location	Peak Hours	Meal of The Day	Pricing
George Sherman Union	12pm – 5 pm	Basho Trio Special	$4.00-$25.00
Nudpob	12pm – 3 pm	Pad Thai	$6.00-$21.00
Rize Late Nite	9pm – 11 am	Miso Salmon	$4.00-$15.00
Beijing Cafe	12pm-4pm	Pork Bone Soup	$6.50 - $18.50
Raising Cane's	9pm-12am	Terrier Pack	$4.50 - $10.30

Disclaimer: the foods and pricing labeled here are somewhat fictitious, only for user story purposes

"In the event that the Travel Itinerary App does not have bring the best BU dining, I sure hope it has some hyperlinks to the Warren Towers, Bay State, and West Campus dining halls. I want to make orientation great for both my family and I! Feeling hungry for some good user inputs, strong recommendations, and the most optimal way to me to splurge my way into BU without putting all of my Convenience Points to zero."

Third User Story: Sleep and usage of Google Map Api for Affordable Lodging

"I'm tired. It's been a long day walking around in Los Angeles. I take the train back home to quiet Oakland. However, I first long to watch the Golden State Warriors game on ESPN tonight, but there is a traffic delay on the Golden Gate Bridge. I do expect the travel itinerary application to use the Google Map API to route me to the nearest motels and lodging, with the most reasonable prices. Don't want to fall asleep when the Warriors go lights out in Oracle. In case the application doesn't get me what I want, that's OK, I can have a hyperlink to Hotels.com, and it will choose for me the best lodging places. Good night."

Fourth User Story: Driving and Shortest Route to Destination from Source

"I am so excited to start my internship with Fidelity in Toronto! Yet, I am extremely confused at the Rainbow Bridge, where Customs are holding up everybody before they cross the border via Niagara Falls. I sure hope the app can link to Yahoo Weather and News or at least a working implementation of Google API, and tell me where is the nearest exit to Toronto. Don't want to arrive late to work on my first day. It is just as bad as arriving to work not dressed the first day. First impressions last the longest."

Final user story: Everything on one convenient, easy to understand screen

"For the home page, I want to be able to login using Google and if denied, the app should ask me to try again still using Google. The app will then ask me to enter my location of interest and what

dates I plan on staying there. The application will serialize my input / query into a log, which will probably read something like this:

```
Name: John Smith
Place of Interest: Paris, France
Current Weather of [user-input]: 45 degrees Fahrenheit
Weather forecast for [user-input] days:
     Day one: High of 45 degrees Fahrenheit; low of 37
          - Sunny with 43% chance of rain
     Day two: High of 46 degrees Fahrenheit; low of 35
          - Clear skies with 11% chance of rain
Top rated restaurants: 58 Tour Eiffel Restaurant
Top rated tourist sites: Eiffel Tower, The Louvre
Special notice: none
```

I would like the app to display all of this information in a single screen so I can decide what to do while on my trip, what kind of weather to prepare for, and places I should visit while there. I also want to be able to favorite specific feedback from the app, such as a specific restaurant."