

Product Backlog

Dt: 10/24/2016

Team: Scrum Masters

User Story table with story points:

Id	Title	Pre Condition	Post Condition	Story Point	Iteration
1	Analysis: As a developer, I need initial setup of the application, so that I can start working on further user stories.	Downloading required software and data feed formats as JASON & GTFS	Developer will be able to analyze components of the application.	8	1
2	As a user, I want to see all CTfastrak bus route information, so that I can overview CTfastrak map. (Home Page)	User has to accessed CTfastrak app	User gets CTfastrak map.	2	1
	Search: As a user, I want to search all buses and bus routes, so that I know the real-time bus information.	User has accessed the CTfastrak app and clicked the search box, and entered the preferred search information.	User gets information of bus stops and buses on the map.	21	-
3	As a user, I want to search bus and bus stop information on map by current location, so that I can get bus information based on my location.	User has to click on Search option and select current location	User gets the information for nearest bus stops and arrival/departure bus timings.	5	1
4	As a user, I want to search information on map by address, so that I can get information to my preferred location.	User has to select Search by Address menu and enter address.	User gets the information for preferred address.	8	1
5	As a user, I want to search information on map by entering bus number, so that I can	User has to select search by bus menu	User gets the information for preferred bus.	8	1

	get information for specific bus.	and enter bus number.			
6	Select Route: As a user, I want to select a specific route out of multiple recommended routes, so that I can get a preferred route.	User has to select a specific bus from select option.	User gets specific route with all bus stops and bus information on map.	13	-
	Plan Trip: As a user, I want to get route from source A (or Current Location) to Destination B, so that I can Plan my trip to my preferred destination.	User has to enter Source and Destination addresses.	User gets route from source to destination.	34	-
7	As a user, I want to get the fastest route from source A to destination B, so that I can reach to destination early.	User has to enter source (Current location) and destination.	User gets the fastest route.	8	-
8	As a user, I want to get the all bus routes from source A to destination B, so that I can choose my preferable route.	User has to enter source and destination	User gets all the bus route highlighted from A to B	13	-
9	As a user, I want to get route by entering intermediate address, so that I can see route through intermediate bus stop.	User has to enter intermediate bus stop.	User will get route from intermediate bus stop.	5	-
10	As a user, I want to get specific arrival /departure time of each intermediate bus stop from A to B, so that I can plan my trip with intermediate stops	User has to click on bus stop marked as pin.	User gets arrival departure timings to bus stop.	8	-

	<u>Alerts:</u> As a user, I want to get alerts for the buses, so that I know the real-time bus status.	User has to keep alerts mode ON.	User gets alerts.	8	-
11	As a user, I want to get alert for next arriving bus, so that I won't miss the bus.	User has accessed trip plan function, and alerts mode has to be ON.	User gets alert successfully for next arriving bus.	5	-
12	As a user, I want to get alerts for delayed and cancelled buses, so that I can change my schedule.	General alerts function has to be ON.	User gets general alerts successfully.	3	-
13	<u>Get recently searched routes:</u> As a user, I want to see my recently searched routes, bus number and addresses, so that I don't need to re-type.	User has accessed search function and clicked search box	User has got a list of recently searched routes successfully.	2	-

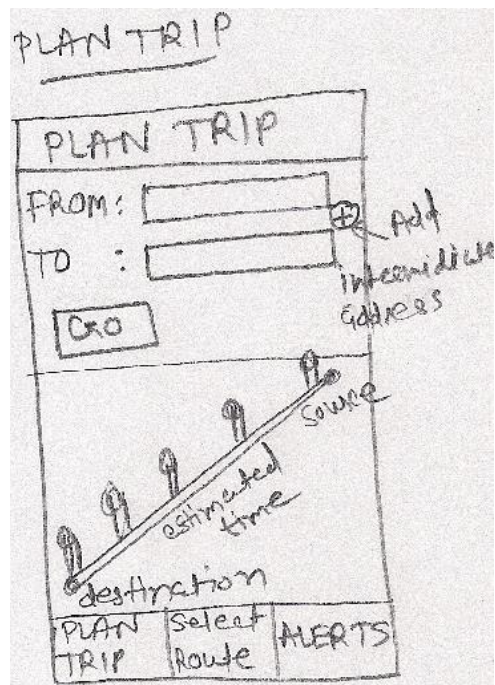
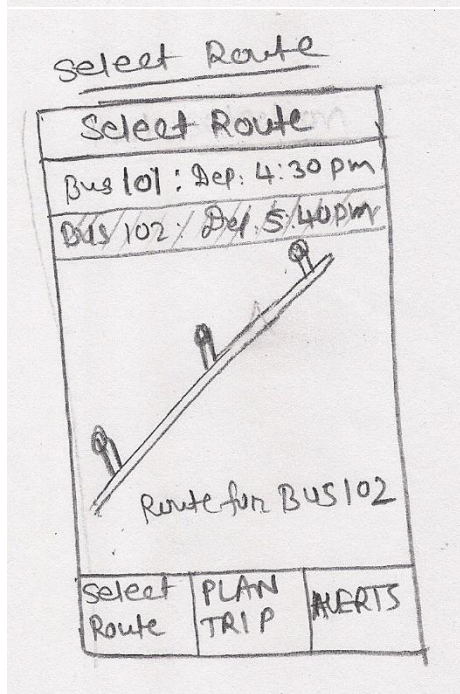
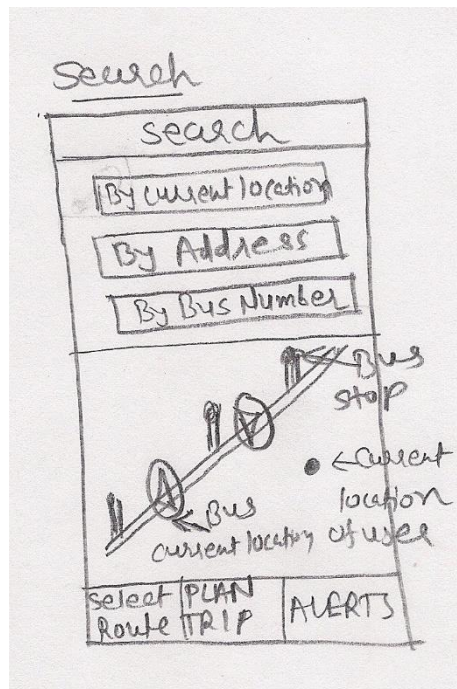
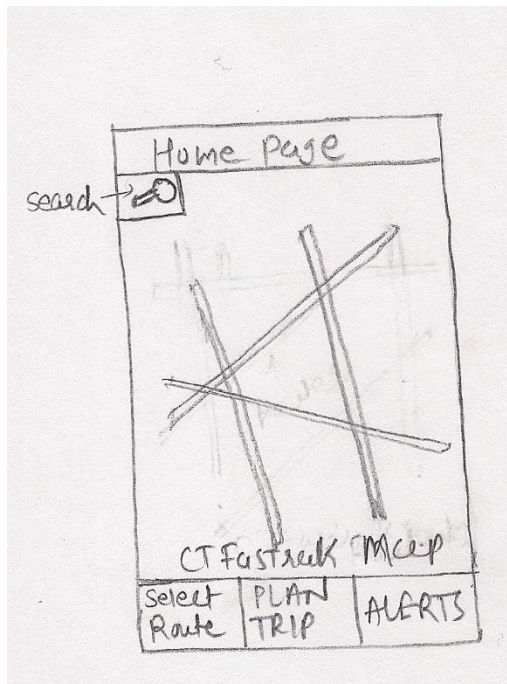
Total Story Points: 88

Story Points for 1st Iteration: 31

Iteration -1 functionality:

In the Iteration-1 we are going to implement Home page functionality and Search functionality from the CT Fastrak application. Also the analysis of the application from the product backlog is included as a part of Iteration-1. In homepage functionality, the user will be able to see the map-based color coded routes of CT Fastrak displayed on the screen as soon as he opens the application. This will be the first page seen by the user. The search functionality on the homepage will allow user to search CT Fastrak buses preferred by current location or specific address or by bus number.

User Interface of CTFastrak App:



ALERTS

ALERTS		
TRIP ALERTS	<input type="checkbox"/> ON <input type="checkbox"/> OFF	
General ALERTS	<input type="checkbox"/> ON <input type="checkbox"/> OFF	
Next Arrived bus: 5 min		
Estimated Dep time: 6:00am		
BUS NO: 101 From HRT is cancelled		
PLAN TRIP	select Route	ALERTS

Search History

Search History		
HARTFORD		
MANCHESTER		
BUS 101		
NEW BRITAIN		
PLAN TRIP	select Route	ALERTS