**Product Backlog** Dt: 10/24/2016

**Team: Scrum Masters**

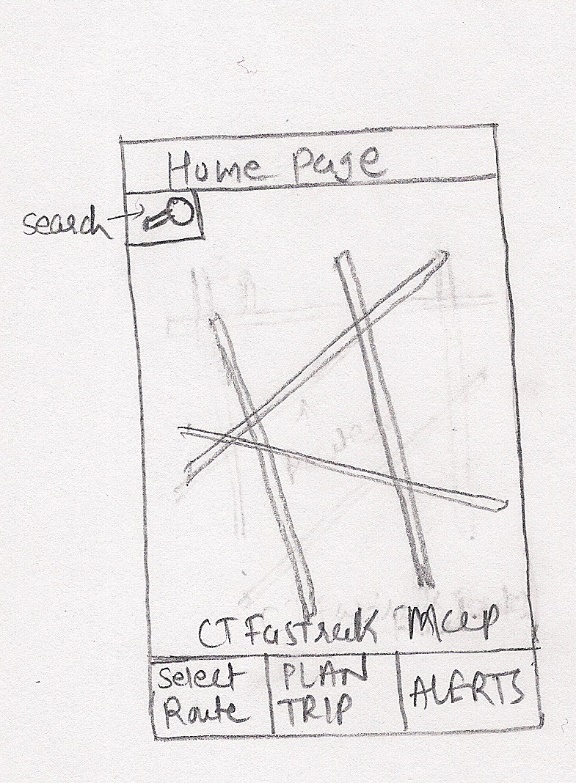
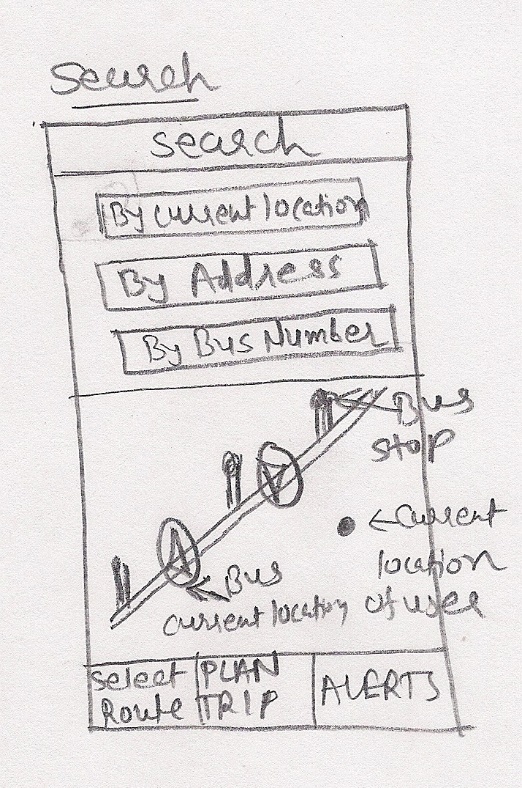
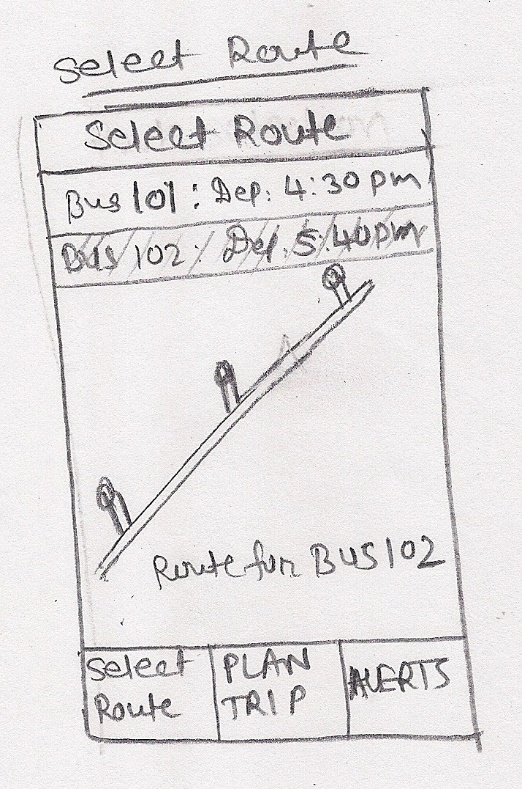
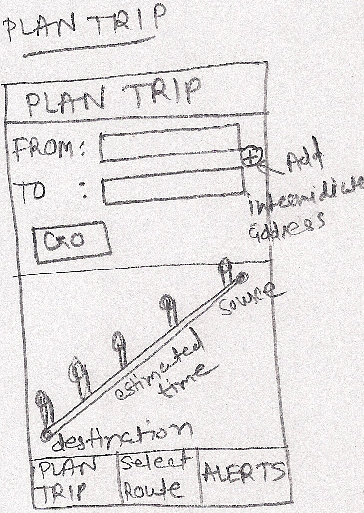
**User Story table with story points:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Id | Title | Pre  Condition | Post Condition | Story Point | Iteration |
| 1 | **Analysis: As a developer, I need initial setup of the application, in order to start working on further user stories.** | **Downloading required software and data feed formats as JASON & GTFS** | **Developer will get the analysis of the application.** | **8** | **1** |
| 2 | As a user, I want to see all CTfastrak bus route information, so 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 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 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 I can get information for specific bus. | User has to select search by bus menu and enter bus number. | User gets the information for preferred bus. | 8 | 1 |
| 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 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 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 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 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 see all the bus stops on my trip from A to B, So I can see all intermediate bus stops. | User has to highlight the bus-stops marked as pins on the interface | User gets all bus stops from A to B. |  | - |
| 11 | As a user, I want to get specific arrival /departure time of each intermediate bus stop from A to B. | User has to click on bus stop marked as pin. | User gets arrival departure timings to bus stop. | 8 | - |
|  | **Alerts: As a User, I want to get alerts for the buses, So I know the real-time bus status.** | **User has to keep alerts mode ON.** | **User gets alerts.** | **8** | **-** |
| 12 | 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 | - |
| 13 | 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 | - |
| 14 | **Get recently searched routes: As a user, I want to see my recently searched routes, bus number and addresses, so that I don’t need to type again.** | **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**

**User Interface of CTFastrak App:**

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