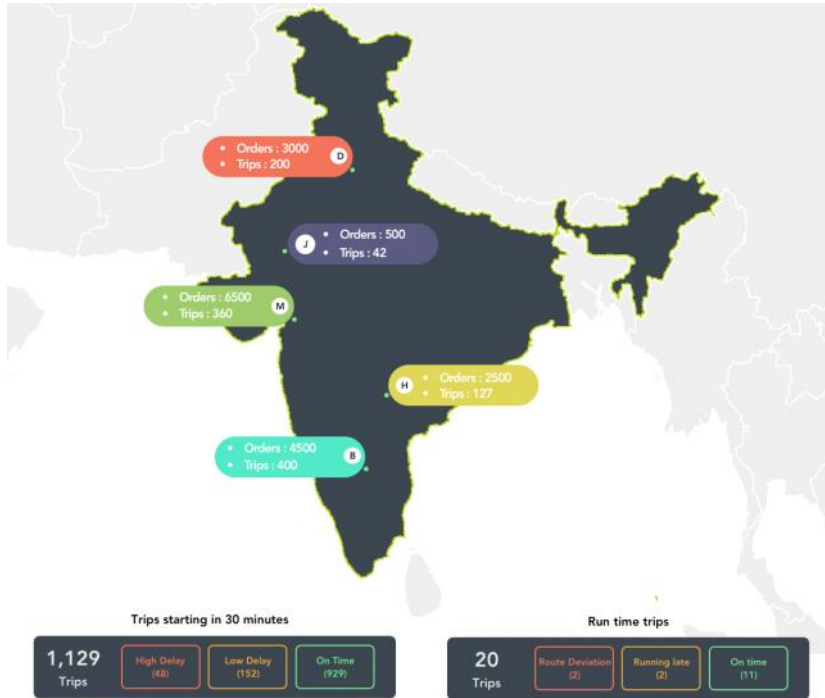


Driver Support Map view

Thursday, December 28, 2017 9:57 AM

1. Summary View.png: This is a google map based view showing the country and the operational cities and key metrics. The metrics will be obtained from an api and corresponding details have to be shown. The api call has to be made every 5 - 10 seconds and the metrics refreshed.



The API to be used for displaying the data
/manage/driver_support/dashboard/country_map_data

Check design document for response

Tasks for screen

- a. Create html screen with this layout. Provide option to make it full screen
 - b. Display information based on api response. The backend api is not ready, so just emulate the same response
 - i. Only the city name initial is shown in the circle (B, H, M, J, D)
 - ii. In the api response, the city Lat/Long polygon will be sent. The order/trip count can be centered around the polygon center
 - c. The data needs to be refreshed every 5 - 10 seconds
 - d. Make each city as clickable. Clicking on it will zoom into the city view
 - e. Colors:
 - i. I am not sure whether the India can be colored different than the other map areas. Google does provide an option to put a colored layer
2. City View.png: Clicking on a city will zoom in to a city, which will show city specific metrics based on the api call.



The city based information can be obtained from
/manage/driver_support/dashboard/city_map_data

Check the response in the design document

Tasks for screen

- Create html screen with this layout. Provide option to make it full screen
- Display data on the screen using the api data. The backend api is not yet created, so you can emulate the data based on the response.
 - Each circle on the map is a representation of a cab based on the cab's location.

ii. Different styled map markers to be used to differentiate buses based on trip current event

- Buses whose trip is about to start in next 30 minutes has map marker solid circle. Like
- Buses whose trip is running has map marked solid circle and two outer concentric circles. Like

iii. Each map marker has a colour (Green, Orange or Red) based on it's health. API to send.

- For trips-starting-in-30-minutes,
- For run time trips,

- Route Animation: Clicking on a cab (circle icon), will show the route for the cab. See attached video on the animation required (Google Directions API call will be required here to draw the route). The route has to be drawn from starting stop to the end location
 - The api for calling it is /manage/driver_support/dashboard/trip_route
 - In case the user clicks on another cab or bottom footer, the route displayed will be removed
- Cab Animation: On each API call, the cab's new location will be obtained. The cab's location needs to be animated to a new position gradually (the movement needs to be smooth). Animate the cabs in the full duration of 5 - 10 seconds.
- Bottom Filters: In case user selects any of the bottom filters (Ex: High delay), cabs with high delay will only be shown. User can change filters, if required.
 - In case a filter is enabled tick mark is shown

- f. City Filter: User can change the city from the top. On changing the city, it will display the data for the city by making an api call.
- g. Map Summary: Clicking on it will take the user back to Summary View (zoom out)