**<APP NAME> Design Doc**

1. **Handling with Fragments with States:**
   * Main screen will be partitioned into 2 parts, one with 75% and another with 25% naming as ZoneA and ZoneB.

Fragment Zone A

Status Bar

Fragment Zone B

**Sections of the Screen:**

1. ­Navigation Bar:
   1. Back – First Icon represents the backkey functionality of the device to go back to the previous screen/fragment.
   2. Home – Second Icon represents the home key, click on this user will be navigated to the list of apps page(home screen) in the Fragment Zone A.
   3. Tasks – Third icon is the app switch option, clicking on this icon, opened apps will be shuffled between.
2. Fragment Zone A:
   1. In fragment zone A, fragment will be appeared with list of apps by default.
3. Status Bar: Status bar contains two options, notification icons on the left and time on the right side

**Time :11:15 AM**

* 1. Notification Icons will be shown as notification bar of phone.
  2. Time display on the right side of the status bar.

1. Fragment Zone B:
   1. Fragment Zone B will be like the Zone A with 3 apps named Audio, Navigation and Clock. (App will be listed with basic icon and text)

**Name of the Components:**

MainActivity.java

ZoneAFragment.java

ZoneBFragment.java

**Fragment Zone A Implementation:**

ZoneAFragment contains apps list, the priority once are Settings, FM Radio and Navigation.

**Name of the Fragments:**

SettingsMainFragment.java

FmRadioMainFragment.java

NavigationMainFragment.java

**SettingsMainFragment**: Settings fragments consists of the below options shown as grid/list of buttons with scroll. Clicking on the buttons opens the respective fragment. Name of the Fragments as specified below along with options. As of now each of these fragment should have one text view with the text like, “This is System Settings Screen” for System Settings fragment and respectively.

* System (SystemSettingsFragment.java)
* Connections (ConnectionsSettingsFragment.java)
* Display (DisplaySettingsFragment.java)
* Vehicle (VehicleSettingsFragment.java)
* Camera (CameraSettingsFragment.java)
* Sound (SoundSettingsFragment.java)
* Notifications (NotificationsSettingsFragment.java)

**FmRadioMainFragment:** Fm Radio Fragment is as same as Settings with different options/buttons in it. The options for the FM Radio fragment as follow:

* Menu (MenuFmRadioFragment.java)

**NavigationMainFragment:** Navigation Fragment is also as same as Settings with different options/buttons in it. Before launching the menu for the navigations, for the first time, a dialog should be launched as shown in Navigation dialog section. The options for the FM Radio fragment as follow:

* Menu (MenuNavigationFragment.java)

**Navigation Alert dialog:** Navigation alert dialog looks like below and clicking on the any of these options should navigate to the list of buttons of Navigation fragment. This navigation option should come at very first time not for every subsequent launch.

Welcome

Remember My decision

Turn On Camera Feature

Continue In Offline