**ABSTRACT**

**Topic: Android based application for Bus Rapid Transit System locator.**

The Android Project name identifies the use of application. It identifies that it is like such a map application. We have developed our application for those users who prefer to travel in (Bus Rapid Transit System) BRTS. This application will show user his/her current location from the phone. For that user should have android OS based phone with internet facility. The application must be installed on your android device. This application will show the user his/her current location and all BRT stops, on selecting various options of the menu user can see Nearest BRT stop from his/her current location , distance from current location to nearest Bus Rapid Transit BRT stop ,next available bus on particular stop , etc. GPS technology is most developing technology in today’s world in map applications. This technology is used to track the things, persons easily. Mostly this technology was limited up to the military but now it is used for general use to tracking things and persons. All Mobile companies use this technology. Our application is also based on GPS.  Using GPS we are identifying the user`s current location in map. The phone should contain internet connection to run the application. To run this application user needs android OS based phone with android OS version2.1 or above.

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