

Intra ville Route Finder

By Group: no: 11

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Problem:

The intra-city bus service has been used by a lot of people these days for daily travelling, especially in big cities like Lahore. But those who are new to this city, or even those who have been in here a long ago, face a major problem of remembering the routes of these buses.

Solution:

What we purpose to this problem is our software. Our software works using internet (Google Maps). First of all, the user has to entre his destination. Then our software calculates his current location using GPRS/Wi-Fi and calculates the shortest path of the routes of the buses from his current location and destination. Based on this, its shows the bus no. which the user should take to reach his destiny.

Targeted Audience:

People in Lahore and outsiders/visitors (new to this city)

Requirements:

- Learning Android SDK
- Learning Google Maps API
- Gathering Bus Routes

Approach:

We are using the database of Lahore Transport Cooperation (LTC) for the calculation of routes. We are developing this primarily for smartphones. It will involve learning of android apps as well.