A Project

On

Local Bus Transport System in KTM

Introduction:

This project simply deals with the more advanced and passenger friendly environment in the local buses in Kathmandu city. This helps passengers to know about the bus ticket cost, and the locations where the individual bus visit, rate the bus service and the driver and codriver of the bus.

Statement of the issue:

This project or the development of the concept will help to overcome the issues that the passengers and the new comers in the KTM city are facing and assumed to face. As a daily public bus passenger, I came to knew that there are a lot things to be fixed there in the bus management system.

Development points in the project

* A well featured nice home page
* An interface that will feature the login and sign-up process for the passengers
* The bus registration page
* A quick bar that will show the most used or top used feature like rating
* A well interface with all the elements there
* There should be a search bar that will help to search for the location that the passenger wants to go
* After the search system should filter out the result and the give the appropriate buses that will help to go there
* After the selection of the bus and entering on the bus the tracker should track the device so that it will make easier to navigate and show the appropriate stop
* There should be the system that will help to calculate the transportation fee in the basis of the kms travelled.

The fee will as the transportation department rule.

**This will help passenger from being lie by the co-driver as it is seen in many cases that they charge more than the actual charge.**

* **It will be better if we develop an individual payment app or co-work with the payment apps that helps to pay from the phone that will make the transaction more accurate and trustable**
* In the sign up page, system should ask if they are form special category which get discount like being student, disabled and many more
* System should ask for the proof before the verification process
* **And it should provide the virtual identity card with the validity date as in the proof document** (It will help for the fast work)

It will also help the system to determine if there is any fake person with the wrong identity or not as in many cases it is seen true.

* This whole process should use the js, php and MySQL for the database