**MGM’s**

**DR. G. Y. PATHRIKAR COLLEGE OF COMPUTER SCIENCE AND**

**INFORMATION TECHNOLOGY, AURANGABAD**

Project Synopsis

On

**“CITY BUS MANAGEMENT SYSTEM”**

**Submitted by**

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**Content Of The Topic**

Public transport bus services are generally based on regular operation of city, buses along a route calling at agreed bus stops according to a public transport timetable of Aurangabad city, Maharashtra.

**Introduction**

The passengers do not have any medium to get the exact timing of city buses, and from which route the buses go. To overcome that obstacle we decided to make a application of city bus.

**Abstract**

This is an android application used to find out the bus stops from one place to another place.

User need to give the details of source and destination.

Accordingly it will display the details of the bus stops which will be in that route.

It is a time saving application to user.

User can easily get the information of the bus stops of a particular route.

In this way a user will be free of confusion about the buses.

It will also be very helpful for those people who are new to the city.

**Key Functionality**

In the city, especially in India buses are major form of transportation. So by this app we can get the information required for reaching to the desired destination. We select the source and destination and after pressing the submit button we get the bus number of the bus we have to travel. Thus this application has its importance in the city travelling.

**Existing system**

There are some bus route finders and bus number finding systems in the internet these days But these require internet connectivity for the working of the application. This is somewhat money consuming. Also if the net is slow the process is also slow. And if the net connectivity is weak then the process of finding the busses will also be difficult. To overcome the above problems we have developed our particular project which will work without internet.

**Proposed System**

City Bus Management application that we have developed will work with internet connectivity. This is the major advantage this particular application we have developed our project has a database of its own which makes it independent of internet, and it displays the bus numbers on its own. This makes finding of the bus numbers easy, fast and efficient.

**Methodology / Planning of Work**

* Provide a safe, reliable, efficient and accessible way for residents of Aurangabad as well as visitors.
* Identify key indicators of the Bus Stops, that correlate with Route.
* Using this Application, Users can see the exact timings of Bus Arrival.
* Increasingly, technology is being used to improve the information provided to bus users.
* Bus tracking technologies to assist with scheduling, and achieve real time integration with bus information.
* Application that displays service information at stops, inside buses for routes, and to waiting passengers.

**Facilities required for proposed work**

It's the environment which is necessary for the project. The hardware and software requirement to run this website successfully are as follows:-

* For Mobile Handset -

- Android 4.3 Jelly Bean & Above

* For PC’s & Laptop -

- Windows or iOS.