B.TECH CSE (VI) – SEMESTER

SYNOPSIS

TOLL PAYMENT SYSTEM

**Submitted for the partial fulfillment of the degree**

**Of**

**Bachelor of Technology**

**IN**

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**INTRODUCTION TO PROJECTdv**

**OVERVIEW OF THE PROJECT TITLE ‘TOLL PAYMENT SYSTEM’**

Toll Plaza Payment systems have been of great assistance in lowering the over traffic congestion that has become a part of the metropolitan cities these days. It is one of the best ways to manage the great run of traffic. The travelers passing through this mode of transport must pay toll by waiting in long queue, so it leads to problems like fuel wastage, time wastage, pollution, and burden of carrying cash. Thus by using our system traveler relieves the burden of waiting in the queue to make the toll payment, which decreases the fuel-consumption and also taking cash with them can be avoided. So by using our system User can just only show the message in their inbox by paying online, and so that user doesn’t need to wait in tollgate for long time .

**OBJECTIVE OF THE PROJECT**

The objective of our project is to design a system ,which automatically gives the notification on the toll booth that tax has been paid by the person who will pass by that toll plaza the person only have to show the message without waiting for any receipt an approaching vehicles and record vehicles number and time. If the vehicle belongs to the authorized person, it automatically opens the toll gate and a predetermined amount is automatically deducted from its account. This translate to reduced Traffic congestion at toll plazas and helps in lower fuel consumption. This is very important advantage of this system.

**FEASIBILITY STUDY**

Feasibility study is a test of system proposal according to its workability, impact of the organization, ability to meet needs and effective use of the resources. In feasibility study it is checked that is the proposed system (which is to be made) is feasible or not or the problem of previous projects worth solving or not. Facts considered in the feasibility analysis were:-

* **Technical Feasibility**: To determine whether the proposed system is technically feasible , take into consideration the technical issues involved behind the system. Under this factor, the proposed system is feasible as the technical requirements are pretty basic. This system can be developed using simple languages like php and my Sql .
* **Operational Feasibility**: To determine the operational feasibility of the system, take into consideration the users. This system is operational feasible since the users are familiar with the technologies and hence there is no need to gear up the personal to use the system. Still some basic knowledge regarding use of web browser interface must be there.
* **Economic Feasibility:** To determine the economic feasibility, take into consideration the cost requirements of the system. Since this is a computer generated website, the cost requirements is basically negligible. Hence, this system is economically feasible.
* **Schedule Feasibility:** To determine the schedule feasibility, take into consideration the time constraints. Under the given time constraints, core features of the proposed system can be developed. Hence, this system is feasible under this factor.

**TOOLS AND TECHNOLOGY USED**

**Software Requirements :**

The term “SOFTWARE” refers to the items what you can see but can’t touch. The software Requirements of this project is given in the below table:

|  |  |
| --- | --- |
| **Operating System** | **Windows** |
| **Front-End** | **Html , css** |
| **Back-End** | **mySql , php my admin** |

Table 1:- Software Details

**Hardware Requirements:**

The term “hardware” refers to the items what you can see and touches, other components. This is actual machine keyboard, monitor and system unit. The minimum Hardware Requirements of the project are given in the below table:

|  |  |
| --- | --- |
| **Processor** | **Intel Pentium i3,i5** |
| **Ram** | **2GB Ram** |
| **Hard Disk** | **160GB** |

Table 2:- Hardware Details

**PROJECT OUTCOME**

The scope of this project is widespread. It can run on any system with any browser i.e. installed on your system. The purpose of this website is to provide best service to the customers