##### **ONLINE REGISTRATION SYSTEM**

##### A SYNOPSIS

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# INTRODUCTION

Traveling is a large growing business across all countries. Bus booking system deals with maintenance of records of details of each passenger. It also includes maintenance of information like schedule and details of each bus.  
 We observed the working of the Bus Booking system and after going through it, we get to know that there are many operations, which they have to do manually. It takes a lot of time and causing many errors while data entry. Due to this, sometimes a lot of problems occur and they were facing many disputes with customers. To solve the above problem, and further maintaining records of passenger details, seat availability, price per seat, bill generation and other things, we are offering this proposal of computerized reservation system. By using this software, we can reserve tickets from any part of the world, through telephone lines, via internet. Customer can check availability of bus and reserve selective seats. The project provides and checks all sorts of constraints so that user does give only useful data and thus validation is done in an effective way.

The focus of the project is to computerize traveling company to manage data, so that all the transactions become fast and there should not be any error in transactions like calculation mistake, bill generation and other things. It replaces all the paper work. It keeps records of all bills also, giving to ensure 100% successful implementation of the computerized bus reservation system.

**Feasibility Study**

The Bus Online Booking System provides a better path to fold up the tiring time consuming procedures giving a good path to the customers involved and the administration. Following feasibility has been performed for this Project:

1.Organizational Feasibility:

The completion of the project is quite beneficial for the organizational purpose. it will leave the user with a time saving part for all the customers of the contents of the booking system.

2.Economical Feasibility:

The project is estimated to be an economical one as we have taken use of open source software and the sources which are far apart concerned to budget, so it is a worth for use as it has proven to be relevant with economy.

3.Technical Feasibility:

The website developed is user friendly and is compatible for every environment. Further on the technical enhancement will be achieved keeping in mind the security, reliability and accuracy of the website.

4.Acceptance Feasibility:

This project is developed keeping in mind the personal benefit, i.e. it's quite beneficial for the university management system as it will perform an automated registration for the camps, events held etc.

5.Operational Feasibility:

In today’s time everyone is using the internet so the program which we are developing will be easily accessible by everyone when it is developed.

6.Schedule Feasibility:

The project involved the group effort of three members along with the guidance of our respected mam and we ensure that the time allotted for this project prove to be a sufficient.

**Methodology**

The project Online Registration System (ORS) involves these following steps:

System analysis:

* All analysis about the topic.
* Environment
* Software compatibility

System design:

* To design user friendly and task oriented software.
* Attractive interface theme.
* Efficiency in terms of time and resources

Coding:

* In this part implementation of system analysis and design is done.
* Coding should be such that the size and the time of compilation is minimum.
* There must not be any error on runtime.
* All recommended standard should be used. In other words, it should be understandable by all.

Facilities required for proposed work

Software requirements: Notepad++, Dream weaver, Xampp, A web browser.

Hardware requirements: 512 MB RAM, Minimum 80 GB Hard disk, Intel Dual Core Processor, Efficient database.

A domain/server for hosting.

Tech used: Html, PHP, CSS, JavaScript, JQuery, Bootstrap.

**Bibliography**

We will be taking help from Google search engine, YouTube, W3 school, Tutorials Point for the completion of our website and other sources like administration of our college for purposes like details of the events which will be held in our college during the science camp.