DAYANANDA SAGAR UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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WEB PROGRAMMING LAB SYNOPSIS

ON

"Curfew e-Pass Management System"

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BACHELOR OF TECHNOLOGY
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INTRODUCTION

Curfew Pass Management system is a web-based technology that will manage the records of pass which is issue by administrative and help to provide online curfew e-pass to people who need to travel compulsory. Curfew Pass Management System is an automatic system which delivers data processing in very high speed in systematic manner. In EPMS we use PHP and MySQL database. This is the project which keeps records of the pass which is issue by administrative.

Problem Definition

Curfew Pass Management system is a web-based technology that will manage the records of pass which is issue by administrative and help to provide online curfew e-pass to people who need to travel compulsory. Curfew Pass Management System is an automatic system which delivers data processing in very high speed in systematic manner. The Software powered by PHP assures clear and efficient services to the agency. This easy-to-operate system helps to access and modify user details, provides efficient printing facility. The software is designed to provide Reliable and error free information. The database is driven by MySQL thus providing portability.

Scope of the project

CPMS has many powerful features and is certainly more than a "simple" diagramming tool. Using CPMS just as a diagramming tool work fine, especially on Windows as the tool is built with Delphi and might execute faster than the Java-based tools. Modern world is computer world where the things have to be done promptly that requires optimal resources and optimal methods. Due to this inevitable requirement, computerisation of each and every sector in the main stream is must, so that it can be held itself in the race. Few eye-catching features of our project are its simplicity, accuracy, and its user-friendly interface. his project has been developed to manage the entire working of the Curfew Pass administrative. Our software simplifies and replaces all the manual effort and the paper works done by the administrative to a completely electronically environment.

Existing system

Currently, there are very few ePass Management systems as this system was developed recently, during the lockdown due to the COVID pandemic. These systems have some basic features like creation of passes, search passes, print passes etc.

Current issues/problem in existing system

Curfew e-Pass Management system is a web-based technology that enables record management of pass, which is issued by administration and government. There is a need to get valid passes as efficiently as possible to ensure essential services keep functioning during the COVID-19 pandemic. This system is developed during this time of need.

The current ePass management systems do not have the facility of sending the pass to the registered email ID.

One of the unique features of this project is that the users can extend the validity of their existing ePass with just one click.

Proposed solution

In CPMS we use PHP and MySQL database. This is the project which keeps records of the pass which is issued by administrative. CPMS has one module i.e. admin.

Dashboard: In this section, admin can briefly view the total number of category and how many passes will be generated in one day, yesterdays and last seven days.

Category: In this section, admin can manage category (add/update).

Add Pass: In this section, admin adds pass.

Manage Pass: In this section, admin can update pass and take print of that pass.

Extended Pass: In this section, admin can extend the duration of the pass.

Reports: In this section admin can generate pass reports between two dates.

Software and Hardware requirements

- Software Requirements:
    - Database: MySQL
    - Server: Apache
    - Frontend: HTML
    - Scripting language: Java Script
    - IDE: Sublime
    - Technology: PHP

- Hardware Requirements:
    - Processor: Intel P-IV based system
    - Processor Speed: 2.0. GHz
    - RAM: 1GB
    - Hard Disk: 40GB to 80GB

Possible Outcomes

An ePass management system that delivers data processing at a very high speed in a systematic manner will be developed. It is an automatic system to manage the records of passes that are issued for easy transportation during curfew.