International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

Vehicle Parking Management System

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A B S T R A C T

This Project is For The Make Work Simple.AND Remember One thing It not very   difficult Manage   Parking Work With this.Other Wise That Is more Difficult.AND Stress Full. A Parking Management System   Project In Java is used to manage and solve the Parking Problems of the company/Institute. It gives information about a big range of parking spaces – small or big. It's a Working System.   The Purpose of this paper is to automate the car and the Vehicle parking as well. It For discusses a project which presents a Relioable model of an automated vehicle As Well As Car parking system that can regulate and manage And regulate the number of cars that can be parked in a given Slots at any given time on the availability This project is build on Basis Of PHP. The main purpose for developing this Project To reduce the traffic in   the parking place As Well As Provide Security For Peoples Vehicles From Theaves .

INTRODUCTION

DEFINATION -

The main Purpose of this project is to help Peoples to manage vehicles i.e. parking the vehicles. Instead, the admin handles all these works Basically, this is Much easy and fundamental level Mini project for learning And Discover New Things For Future Use purposes. Be sides, the user can also modify And Easily Test this scheme according to their requirements. For the backend Working of the system, the SQL server is used so that it will be easy to retrieve And Modify later. The system is basically for the users which Can helps for managing the vehicles i.e. parking. Best Moreover, the project provides the admin dashboard. The admion the user of the system must Wants log in into the system first, then after that, they can perform various operations With Helping Of Our Project. Besides, admin can manage vehicle Background.

Over-all, they can also print the vehicles list with the details,view,Time And With More Function.the details where they can leave remarks and also can update the status As They Want. The admin can also make the between date And Print reports of the vehicle sand search for the vehicle bythe parking number. they can provide all the details of the vehicles such as Vehicle in-out Time, Registration number, Owner Name, Contact no in the system. Also, they can manage vehicles, add and search for the vehicles as well.

ABOUT PROJECT

These Project Idea is For Future Implementation Of The Ai Based system.We Thinks These Project can Full Fill Our Future Parking Needs.At Looking The Future Need Any These :like A buizness Idea For A buizness.And It Can Make Easy Work For These Man Who Was Working At Parking Station.Because We Wants To Make Paperlesss Proces.For Protecting Environmental Needs.As looking At These Feature We Provided Online Printing Option Which Can Make And Provide Online Print With Coustomization Of Data.
As Well AS User can Get All Data About Their Project Be like Vehicle Stay time,Slot no,mony charge.And Many other Thinks.But there Is No Any Data Thret For Any user.

STATEMENT OF OBJECTIVES

The main objective of the Project of vehicle parking management system is to manage The vehicles parking Time,stay time owners information,.
In that project coustomer Can pree – book vehicles . With These Project Idea Coustomer Who Wants To park Their Vehicle Can Get 100% of Shourity. Of Security of their vehicle.

- Pree-booking of parking slot Facility,

- Generets Sleep

- Paper-less Survice

- duration

- coustomers vehicle data

- no any cencetive Information Needed

- Type of Vehicle

BASIC of Project

We Tryed to make A Active and New Idea Project For Future Using Of POeoples Which Can provide Service 24 * .7 And WE Deed it With Our Unique Team Work. And Our Working Project Is Fully Ready To Provide Help For Our Socity.

LITERATURES REVIEW

CONCEPT -

A literature survey in an exceedingly project report is that chapter that seem the assorted synthesize and analysis created within the field of your interest and also the results already revealed, taking under consideration the assorted parameters of the project and also the limit of the project. Literature survey helps to make your mind up our direction for analysis. Literature survey helps to line a goal for your analysis-hence it supplying you with your drawback statement. once you write a literature survey in respect of your project, you've got to put in writing the researches created by numerous analysts those square measure already revealed - & their methodology (which is largely their abstract) and also the conclusions they need fell upon.

SYSTEMATIC   LITERATURE   REVIEW –

Finding a relible parking space has become a   significant concern for people residing in metropolitan And most population cities.The main reason behind this   a lack of parking space. The traditional and Normally Parking Methods Be Like If You Wants to park vehicle   Then Seek Free Place and park. parking methods cannot be used today as they are ineffective. at utilizing   space; henc it is vital to find alternative parking systems. Tracking of parking slots and vehicles is also an essential factor, which can be done   using an IoT system integrated with electronic devices . This paper explores the application of an IoT-based vehicle parking system. The   paper also   explores the use of diffrent types of sensor And other electronic devices for car parking system . The vehicle parking system wants a working and effective mechanism that can operate the system. In addition to this, a detection system is required to help   the   peoples to know whether there is an availability of a free parking spot. The need to consider the safety of cars and humans a like when   designing this system. In this paper, the different types of parking systems and various kinds of electronic devices used   to improve safety and   efficiency.and it is a paper less system.

METHODOLOGY ACCEPTANCE TESTING

Testing to verify a product meets client such as needs. A client typically will this sort of testing on a product that is developed outwardly.

BLACK BOX TESTING -

Testing while not data of the internal workings of the item being tested. Tests ar typically purposeful purposeful testing supportive Associate in Nursing application or web site conforms to and properly performs all its needed functions. This entails a series of tests that perform a feature by feature validation of behaviour, victimisation a wide vary of traditional and incorrect input information. This will involve testing of the product's user interface, APIs, info management, security, installation, networking, etc. purposeful testing will be performe d on Associate in Nursing machine-controlled or manual basis victimisation black box or white box methodologies.

REGRESSION   TESTING -

Similar in scope to a purposeful take a look at, a regression take a look at permits a consistent, repeatable validation of every new unharness of a product or web site. Such testing ensures rumored product defects have been corrected for every new unharness which no new quality issues were introduced in the maintenance method. although regression take a look ating will be performed manually Associate in Nursing machine- controlled test suite is typically used to scale back the time and resources required to perform the needed testing.
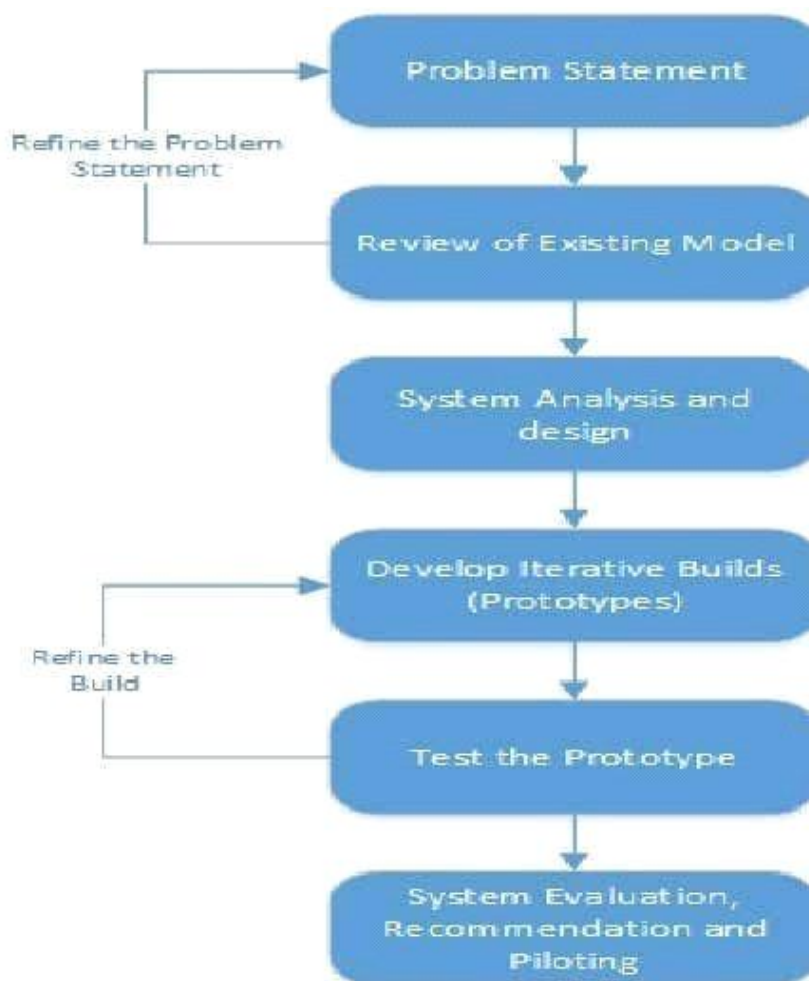
SYSTEM   TESTING -

Testing conducted on a complete, integrated system to judge the system's compliance with its such as needs. System testing falls inside the scope of black box testing, and as such, ought to need no data of the inner style of the code or logic. .

UNIT   TESTING -

Functional Associate in Nursingd reliableness testing in an Engineering setting. manufacturing tests for the behaviour of elements of a product to make sure their correct behaviour previous to system integration .

WHITE BOX TESTING -

Testing based mostly on Associate in Nursing analysis of internal workings and structure of a bit of software system. Includes techniques like Branch Testing and Path Testing. Also famed as Structural Testing and Glass Box Testing

SAMPLE IMAGE

Fig. – E – R DIAGRAM -

CONCLUSION

main reason for parking systems is there is a small amount of parking spaces in big cities.   due to these cities was developed a long time back when cars were declared as luxury.There is not More Spaces Are Avaliable In Cities For Parking Cars And Other Vehicles. In Many Turist Places Also We

cant Find Easiil.If We conserdered As We Finded Place For Parking Our Vehicle. But There Was Less Chances That Was NO Any Threat For Our Car And Vehicle. Looking At these kind Problems We Developed A "vehicle Parking ManaGement System".

But These System Is Easy To Use For Those Peoples Who Can read And Write. Because There Are Many Peoples In India Who Not Stuided. And That Was The Most Challanging Thing For Us..

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