Online Parking Slot Booking Website

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Abstract — The world is facing the new challenge of Vehicle parking. Now a day's more parking space is required as the population of vehicles worldwide continues to increase so the efficient parking management is becoming an important issue. This paper proposes a parking slot booking website to solve the problem of unnecessary time consumption in finding parking spots in commercial car park areas. The Online Parking Slot Booking Website is a web-based technology that will manage the records of the incoming and outgoing vehicles in a parking house. It's an easy for Admin to retrieve the data if the vehicle has been visited through number he can get that data. The user book- parking slot well in advance, all the necessary information is available on the server. Every user has an exclusive username and password. In case any misuse happened then the responsible user will get the information regarding it.

Keywords— HTML, CSS, Php and mySql.

I. INTRODUCTION

In the current decade, we are facing a parking problem with the advancement in technology.The population in urban cities is dense due to which lots of vehicles are running on the roadleads to the parking problem, traffic problem. Parking slot booking website is also used for managing the records of the incoming and outgoing vehicles in an parking house It's an easy for Admin to retrieve the data if the vehicle has been visited through number he can get that data. Now days in many public places such as malls, multiplex system, hospitals, offices, market areas there is a crucial problem of vehicle parking. The vehicle parking area has many lanes/slots for car parking . So to park a vehicle one has to look for all the lanes . Moreover this involves a lot of manual labor and investment. Instead of vehicle caught in towing the vehicle can park on safe and security with low cost.

Parking slot booking website has been generated in such a way that it is filled with many services such as Car parking.

II. LITERATURE SURVEY

Chinmay Pawar worked on Online parking slot booking and here used the website to analyze where the parking is available. Also, the user can pre-book the parking area using the website. And this application is helpful for the new user who is from other state. Hina Kousar proposed a Reservation based parking system with dynamic slot allocation in this they used dynamic allocation for circle parking system and also its saves time for the users and also used to search the nearest parking areas. It will stores the booking details dynamically in arrays. Aswathy James in their work on Smartcar parking with reservation system with QR generator with the website we can book the parking area. It helps to identify the current parking places available near the user. By using the website we can identify the booked space and also free space. According to Shem, S, S.Park and S.Hong (2006) online vehicle parking reservation system (OVPRS) is web-based used to reserve a park and data processing system. Drivers are no longer disturbed to park their vehicle since the system generate the parking slot number on OVPRS platform.

III. EXPERIMENTATION DETAILS AND PROPOSED FEATURES

The features we are proposing this project are, that any person from anywhere at any time book their parking slot without any hustle. This saves lots of effort any time for any person. We will include features like Insurance, PUC , Washing , Electric Vehicle Charging and Servicing. Now we know some of this services are provided by different platform So why do we need this website? The basic answer is that we will provide those services at one place with just a few click and this process is hustle free. With membership program you can make booking parking slot even easy and you don't need to book your slot daily just join membership and get you're a slot booked before anyone else.

IV. FUTURE WORK

Our website Parking slot booking is mainly used in big cities where now finding parking space can cause a lot of traffic problems to other vehicle and can take much time. So, this version of computerized program will now help in those fields. It can be managed by many people efficiently. Although we have achieved many of our thoughts for this project but there are still some which we need to work. In future we would now like to improve financial transaction in computerized method according to time.

We will be thankful for your honest review of this software so we can make it even more efficient and update with new feature. The cost of working parking slot booking website is usually high. so in future we will try to provide the services in low cost so the user of our website increases and more people join with us. For many new users who are not familiar with the parking slot booking website, it could be a little confusing for them to operate at first. This problem, of course, can be overcome with familiarity and a little education.

If they ask questions on the operation procedures and are educated on the advantages that come with making use of the system, they get the hang of it with time.so as much as peopleinteract with the website they will become familiar with the features of the website.so in future we need to change some functionalities of the website and build it such that it can behandle by any new user.

V. CONCLUSION

Presently for one day, the smart cities have proposed an effective parking slot booking website that ensures vehicle traffic.
Significant advancements in the website have taken place. Realtime parking communicationis done with both the user
through the website. Ultimately, it improves the standard of living of consumers. Online vehicle parking reservation system improves the existing system since we are in computerized world. With this new platform is mandatory, it enables the user of the website(client, employee, System administrator) to reserve a parking slot online and this reduces the wasting of time of the clients looking for where to park, increase the safety of the property since the parking slot is numbering.

VI. ACKNOWLEDGEMENT

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