



IJRASET

International Journal For Research in
Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 10 **Issue:** IV **Month of publication:** April 2022

DOI: <https://doi.org/10.22214/ijraset.2022.41448>

www.ijraset.com

Call:  08813907089

E-mail ID: ijraset@gmail.com

A Survey on Car Service Slot Booking System

Chaganti Sandeep Reddy¹, Dr. Preeti Savant²

¹Student, ²Assistant Professor, School of CS&IT, Jain (Deemed-to-be-University), Bangalore, India

Abstract: *The purpose of implementing this application was for users to book a slot for car servicing by using the car service app. This paper explains the detailed development of a service for cars. This offers services that are more efficient, safe, affordable, and convenient services to everyone. In this current situation, the efficient and easy way to reach the people are by using social media and by using some mobile apps, and web pages. Another advantage is the customers need not invest their extra time to get the services. The services will be provided during their office timings and providing them more convenience by saving their time. Before implementing this concept was tested with a survey, which led to further analysis and positive responses. This application mostly saves time and human work free. Users can book the services at anytime and anywhere. This type of service is now growing very rapidly, and the booking system is used very easily and is more accessible. Now everywhere all are online services and just one click away. The car service app is allowed to book the slot for car service. By using this app, customers can book the service at their flexible time. It's a user-friendly application. In this application, customer data will store very securely. This app can be run on any android compatible tablet and mobile phone. The application can be used by any car holder to get their car services.*

Index Terms: *Car service, android application, booking car cleaning.*

I. INTRODUCTION

Current day market going digital market, Applications use to help you give more peace of mind to people. Electrical mobile and desktop applications are the most attractable and effective way and time consuming and also to reach out to customers today. Using these applications is the trending technology now. So, today developers, think in an innovative way and always try to provide the best apps and makes users' life more comfortable and easier. Day by day so many mobile applications are being launched every day with new technology and with smart work. Car cleaning is an android application that brings back life to users and more fast works and more time saves work. So, it provides car services to the customers by taking the customer wish to take as input. We develop the application so compulsory to use the Android Studio as a tool for building and developing the app. It's also the official IDE (Integrated Development Environment) for android. Android platform is more compatible with both mobile and digital computers so it is used to the motivation behind initiating this project is to make people's life more comfortable and smoother. Our application assists people to get their car services at their fingertips. The app It will store all the user details can store the data in the database and it builds the data store very safe and secures it concludes the overall the user data will be clear and higher technology.

Generally, there are so many services or garages in the city they do not easily design for users who can easily use applications. By using this technology, we can move forward in the present state. It is mostly useful for those who are working in companies or any other private, corporate they don't have an extra time for servicing the car and maintaining neatly. This application for users can easily book the slot for service anytime and anywhere. Based on the date, the user can choose the slot for car service. This Car service saves time and money and is also paper-free. Once the car slot is booked in the Car Service, a copy of the details has been saved in the database. Every user can book the slot in the Car Service app. Customers can use the app with just a one-touch operation easily and fast. Hear both the sides are secure security-wise as user data for either two sides one is admin and server. Every user has after login they use the id and password this is very common just one-click log in. Generally, all the users use just one log in the main thing is open with id. This system is used as a way to open the user's device. The android platform is more compatible with those who use the smart service. The action behind the overcome and taking this system and make smart and smoother than the other Car Service services. This application is allowing your clients to book appointments online, it changes the way how we booking generally the user can use smart service to help the book the service and also help you to book services for your car from anywhere and anytime. Booking a service appointment in the Car Service application every import the application on access the data any ware in the world. Every booking service depends on the other service based on the which we use in the market. This application is used to allow your clients to book appointments online and also keep track of bookings. We manage the access and service and also the individual and can help you to book services for your car from anywhere and anytime.

II. LITERATURE REVIEW

Ataman Janardan an, Amata Janardan an, Anju P, Anju P, Danitra Davis; “Android Application for Car Wash Services”. This paper describes two different apps of which one is the customer’s app and the driver’s app. These two services provide the services based on that app. [1]

“Design and Development of Automatic Carwash System”. This paper explains how the method works and the system and books the slot. This app is totally automated service. [2]

Piramal Abhishek, Deep Shrivastava, “Vehicle Service Management and Live Monitoring with Predictive Maintenance System”. This paper explains vehicle service and monitors the vehicle’s prediction system. [8]. The Car Service app helps solely customers to book the car wash service in which there are different options available to the users and its available for free of cost, easy to use and saves time. ‘Car Service’ is a method to use to book the slot and also every method works under the process and is maintained. This system has mainly developed some different either online or offline. The booking is very easy for your customers and clients a straightforward. Today’s car service method is increasing step by step with useful to humans. It is also one type of development the system in car cleaning. Early this process was just one-two way wise using only and using human power and servicing. Later it generated the different types of methods and types in the system. It was the latest and advanced car service system and either service twice or mechanical wise both are the same features and same design. In 2000 there was a small change in washing and but the method is also the same. Later by time giving it was the small method and growing firstly. Slowly this system depends on human strength and works together.

III. ADVANTAGE&DISADVANTAGES

A. Advantage

- 1) Customers can book the Car Service and just one click but used with internet only.
- 2) Easy to use open the app, book the slot on which day just book it and free it.
- 3) All the services are using the same method but based on the service's vice they just change in working format.
- 4) This system is mainly useful for no need to carry cash or either paper or pen just in one-touch operation.
- 5) Based on the veiled system it changes automatically and fast forward.
- 6) By using this feature multiple cars can wash by at a time on user demand.

B. Disadvantage

- 1) Internet is compulsory to book the car service slot booking system.
- 2) If you need to book the car service, we have Internet, an online booking application on our mobile.
- 3) Weather all installed booking services major are uniform we mostly at least one supplier.
- 4) Sometimes users book the service but didn’t get the confirmation message due to server or internet issues.

IV. CONCLUSION

This system is useful for those who need easily want to service their own vehicles. The method is very useful and it is a private and protected way. Everyone used this system in multiple ways. Each system has multiple options and generates one by one and given in the same system. Early introduction this system old way has generated but features it has changed and given all the way. The potential of giving the car service where from home or anywhere is fashionable more to materiality in the present world. The subsist companies’ same way to the application was designed and current in the literature valuation. It was a freely used application in which the users can interchange directly with the car service. This changes people’s life much easier in overripe schedules. The present application is rechanged in a similar way that it underwrites. Making on this stand deduction out Mobile Car Services, we come to the opinion that such computerization systems are quite favorable and save the time of the system. As we going the as regards the technology dominant growth and the business status of the person is also growing the day by day, the source of both is according to the people not only to notice but also to achieve on their own desire. The majority of cars in the world will upgrade in the near time ahead. Any ware always increases the number of cars can go to a mechanic shop to get the facility. This system plays the operation multiple times. By using this application. The new feature was generated by service we can use internet service and also an enriching of person that best service of the user. The whole feature was an instant overhaul and smart and very speed. Every system has not only controlled the real-time condition us maintain the best trump card also bring forth essential data and forecast and next service and the rough cost. Overall, the system adds to the check over cost. All this system saves flow and funds for customers.



REFERENCES

- [1] Anatman Janardan an, ataman Janardanan, Anju P, Anju P, Donetta Davis; "Android Application for Car Wash Services", Department of CSE, Jyothi Engineering College, Thrissur, India.
- [2] Anam Abid*, Tahir Hasan, Taimoor Baig; "Design and Development of Automatic Carwash System", Abdullah Jadoon Institute of Mechatronics Engineering University of Engineering and Technology, Peshawar, Pakista
- [3] "History of the Car Wash". Car Wash Finder, Retrieved 15th September, 2016
- [4] Stefan Budricks, —Automobile Laundryl, Auto Laundry News, Williams Publications Company, 2125 Center Avenue, USA, May 2003
- [5] Oleg Špakov, —Comparison of Gaze to Objects Mapping Algorithmsl, Novel Gaze-Controlled Applications, 2011. <http://dx.doi.org/10.1145/1983302.1983308>
- [6] Mario Linares – Mario Linares Vasquez, 'Mining Android App Usages for Generating Actionable GUI- based Execution Scenarios', 2009
- [7] Mario Linares – Mario Linares Vasquez, 'Mining Android App Usages for Generating Actionable GUI- based Execution Scenarios', 2009
- [8] Shivangi Shah, Piramal Abhishek, Piramal Abhishek, Deep Shrivastava, "Vehicle Service Management and Live Monitoring with Predictive Maintenance System" Electronics.
- [9] Faridha, Friska Umi., Wibowo, Sasono. (2016). Perancangan Sistem Informasi Pelayanan Pencucian Mobil pada Orange Carwash Semarang. Jurnal Universitas Dian Nuswantoro.
- [10] Lazuardi, Reza Fiqhi., Fitria, Lisye., Bakar, Abu. (2013). Artikel Jurnal Ilmiah Analisis Kelayakan Usaha Mobile Carwash di Kota Bandung. Jurnal Online Institute Teknologi Nasional. Volume 1 Nomor 3, 47-51.
- [11] Chris Simeral, —Start Your Own Car Washl, Entrepreneur magazine's start up, McGraw-Hill Companies, Incorporated, 2003.
- [12] Robert Roman, —Car Wash of the Future — Build on Assets and Overcome Challengesl, Auto-Laundry News, EW Williams Publications Company, March 2013.
- [13] Kowalczyk, Radosław & Turczyński, Łukasz & Żyła, Kamil, "COMPARISON OF APP INVENTOR 2 AND JAVA IN CREATING PERSONAL APPLICATIONS FOR ANDROID ON EXAMPLE OF A NOTEPAD", Advances in Science and Technology Research Journal, 2016.



10.22214/IJRASET



45.98



IMPACT FACTOR:
7.129



IMPACT FACTOR:
7.429



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089  (24*7 Support on Whatsapp)