Online Bus Pass Registration

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ABSTRACT:The project entitled "Online Bus Pass Registration" is developed usingweb, for students to get bus pass.Student can register the bus pass application without placing in a queue for a long time. Registration can be done through online. In the manual system the user has to goon particular place or standing in a queue.We think that instead ofusing the lengthy process we canuse our own web application to make this system simple and easy handle.Main motive is to make it contactless. Themainperspectives of this application for get easy buspassfor studentsand admin fortheirregular updates.It would beeasier for adminto givebuspassonlineandrenew italso bystudents from theirmobile phones.Admin can easily add bus pass details like adding a particular route or he can make changes in payment also. Theywillalso get particular routeas per their requirements.

They can also checkweatherthat respective route details and its fare also. Also Student can also renew their pass easily. It isflexibleto have some awesome options in application. Online Bus pass generation is useful for students who are facing problems with the current manualwork of bus passregistration and renewal.Thestudentsneed to register by submitting their detailsthrough online. The passwill begeneratedwhen student tor userwill fill the details and after completing payment. The student can login with their PRN as the username ,password.

KEYWORDS:
ASP.net,C#,HTML,CSS,JavaScript,MSSql.

I. INTRODUCTION
Our project is created to provide time saving, comfortable and safe services for students. Due to the drawbacks that are present in the existing system, wegot the idea of doing this project of generating the bus pass throughonline whichcan help students in a betterway. In the existingsystem studenthadtodo each and every process manually, In thisexisting system was used to bus details maintain through file. But Now, businformation are stored to computerize. The Project Metrics has to enter all the details of bus pass ,documents, and tasks. For this purpose, the organization maintain the size of the document and update the information about students pass details manually. Which is time consuming process, but our project helps student to make their work faster and easy.

Students can buy the bus pass through theapplication. This systemis also usedto savethe students time. The students can payto buy bus pass farethrough UPI and Netbanking.

You can find all the bus pass related information online without going to the collage admin will add everybus information like bus number, bus pass charges, etc. This online bus pass Web application system will help students to get bus passes onlineand eliminatethe need of standing in queues for passes or collecting ticket for each month.The payment can be done via Net Banking or UPI applications.

II. LITERATURESURVEY
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metro tickets or local railway tickets through their Smartphone application and introduced ticket checker.
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III. METHODOLOGY

User Module:

Registration and login module:
In this module user can register here to create a account for this app. If the user already registered, then he/she can login to this app.

Getting Pass:
In this module by the help of information admin is provided to generate a new pass to student.
He can select their particular route and need to click on the Pay Now Button.

Payment module:
This module provides the payment option to pay online for Bus Pass Fare.

Show Pass:
After completing payment pass will be generated and he/she need to click on show pass button And after all that he/she will be able to download their pass.

Sign Out:
In this module the user can sign out from the system.

Admin Module:

Student Information:
In this module admin can be able to see the each student details.

Bus Details:
This module provides the information of buses which are registered from the web application for registration. Every information about the buses as per bus number. The bus charges can be also added by the only admin.

Student Registration:
In this module by the help of information admin is provided to generate a new pass to student.

Student Pass Renovation:
In this module by the help of information admin is provided to renew the existing pass to student.

Admin authority:
Admin can add bus routes and charges.

Sign Out:
In this module the admin can sign out from the system.
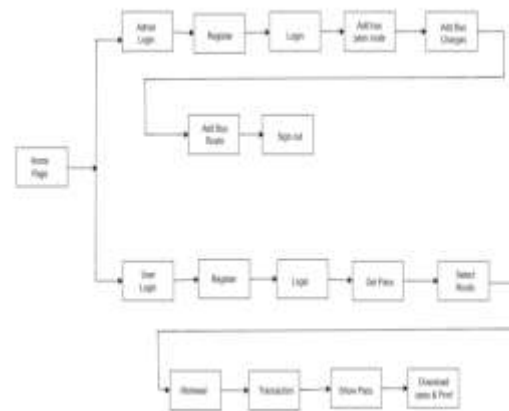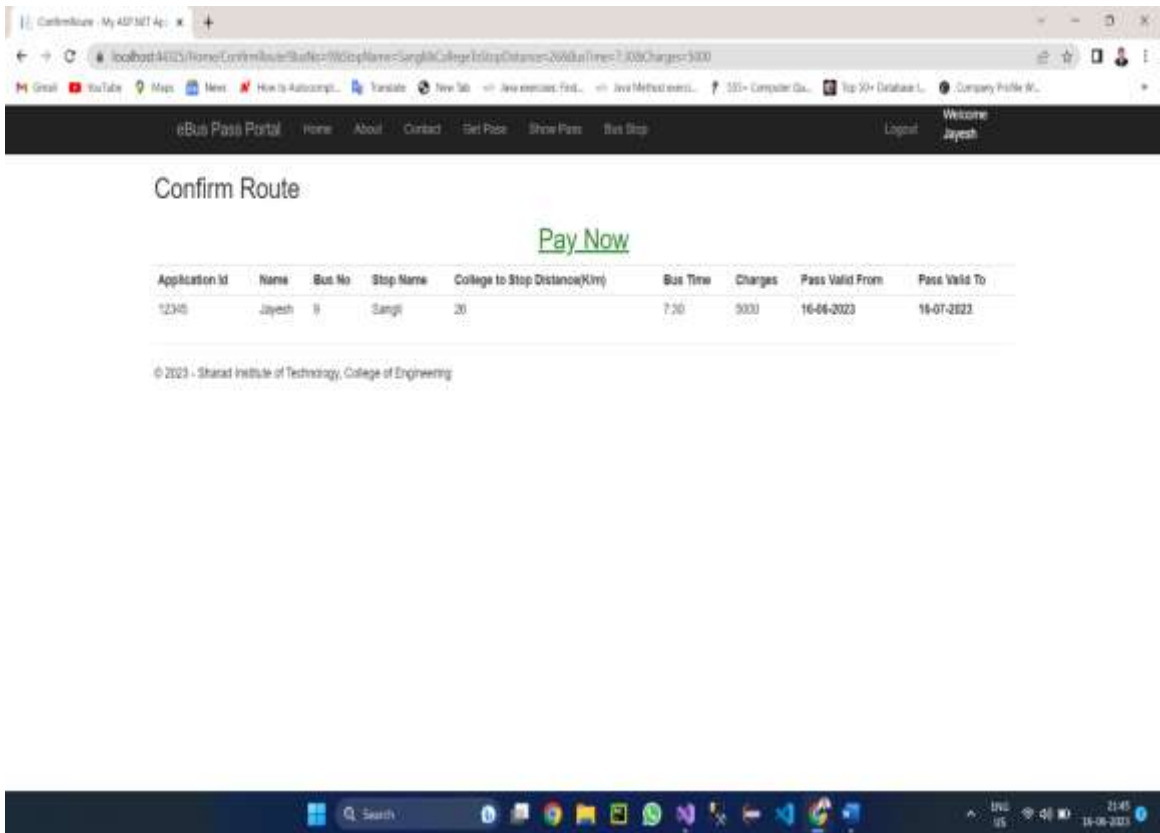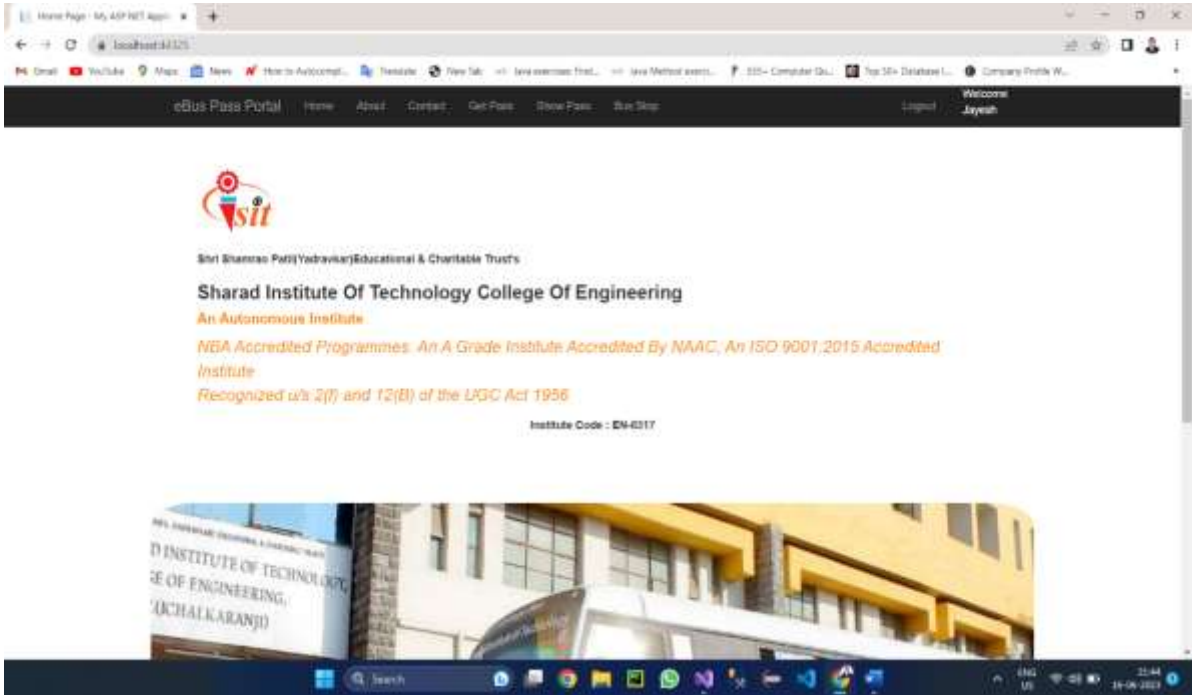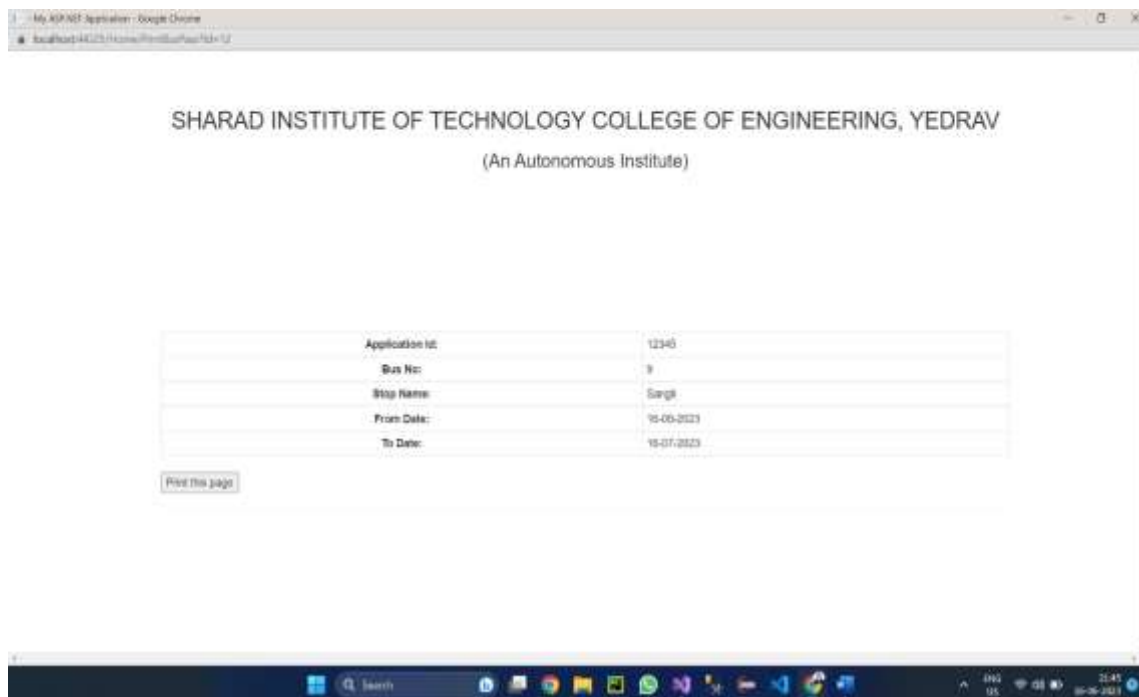
MODELING AND ANALYSIS

Figure1:Architecture Diagram of Web-Application

As shown in the aboveArchitecture diagramour web application is designed. Frist thehomescreen willdisplay toeveryone. Thenwe need toselect the useras 'User'or'Admin'. WhenUserselectsAdmin then He/she need to Register and then, login through back-end only. After login he/she will be able to make changes in the system. He /she adding bus pass details like routes, charges, date, etc.
Admin can also add and remove the students and buses also.

And, When user selects User login then, Register firstly and login, After entering application user need to select their particular route.After selecting route user click on the Pay Now button,then, he/she willclick on the Show button And after that Finally, User able to download their bus pass.

IV. RESULT

V.   CONCLUSION

This project is useful for the students who are facing problems with the current manual work of bus pass registration and renewal. We can also add the bus information with this application.We proposed the Bus Pass system for users who wants to generate or renew their bus pass.This Bus Pass System can be able to generate a new Pass for the Students. So, it becomes easy for the users to create new pass by filling information within fraction of seconds. Also, the Bus Pass System allow the user to view their Bus information and Allow them to view their location by using Google Maps.

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[3].   INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCHTECHNOLOGY DIGITAL BUS PASS FOR LOCAL BUSES SnehalBanale*, Prajakta Dudhade, Rajshree Pal, Sayali Patil Department of Computer Engineering, APCOER, India12345 Prof. Sneha Jagtap, Department of Computer Engineering, APCOER, India5