IJIRCCE

e-ISSN: 2320-9801 | p-ISSN: 2320-9798

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

Volume 10, Issue 5, May 2022

INTERNATIONAL STANDARD SERIAL NUMBER INDIA

Impact Factor: 8.165

International Journal of Innovative Research in Computer and Communication Engineering

| e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijircce.com | |Impact Factor: 8.165 |

|| Volume 10, Issue 5, May 2022 ||

| DOI: 10.15680/IJIRCCE.2022.1005105|

Vehicle Driving Management Web Application

Prof. Santosh. Y. Divekar, Chinmay Belpatre, Sameer Gaikwad, Sumit Gaikwad, Saurabh Daswant

Department of Computer Science , AISSMS Polytechnic, Pune, MH, India

ABSTRACT*:* With the rapid development of informational construction, higher request is needed by the management of drive-training enterprise. Driving-training school's effective management can reduce the waste of human power and wealth very much, and ensure driving-training school's information resource to be utilized effectively. As the share of human power and information becomes deeper and weeper, the management and share of driving-training school's manager, vehicle and student become more and more important. Present management method' key issues exist as follows. Enrollment, health examination and graduation information of drive-training school students are operated artificially, which is not only with low efficiency but also make mistakes often with many students, vehicle and coaches, distribute of student to coach and coach to vehicle is made artificially. In this way, resource can't be assigned reasonably and used effectively, which are clumsy human usage, unclear of administration responsibility and so on.

KEYWORDS: Communication, Security, Application, Networking.

I. INTRODUCTION

The project vehicle driving management system is a web based application that monitors and manages all the data management and all the storage activities electronically.This project helps to automate the manual task of maintaining clients,tutors data in database.
On the base of analysis of driving-training school student management complexity and vehicle usage problem ,this paper applies the designs and carries out a set of system platform to driving-training school management information, driving-training school student enrollment, basic information management are realized. Trough driving-training school information management system, this paper makes manager control all kinds of student information in time and vehicles rationally.The management system that not only saves a great deal of manpower and financial resources of driving school, but also to improve and prettify driving school information management more easily and effectively.

In this sense, the main purpose of this design is to ensure the entire process of management system according to the software engineering methodology of Microsoft Access . It's simple to find out that with the rapid development of information, organization pay attention to intelligent and efficiency of information management. In addition, we can also use visual studio to achieve this design.

Some key features include:

1.The student type module is used to set the type of students and the related information. Examples of such content include name, sex, ID number, contact, address, etc.
2.admin login
3.student login
4.digital payments
5.The students file creation module is used to set the exam information which include exam date, registration number and note information.

| e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijircce.com | |Impact Factor: 8.165 |

|| Volume 10, Issue 5, May 2022 ||

| DOI: 10.15680/IJIRCCE.2022.1005105|

II. METHODOLOGIES

As we came up with some of the basic requirements and features that will fulfill users' requirements, we have some of the features like:

1. Users will register by giving a handle, which will be unique to every user. Only the handle will be revealed to other users to whom they will use. So, people are free to choose any handle so they stay anonymous.
2. A member can selct different options after login.
3. The sender should first select the packs which she/he want to apply for.
4. After that the user is directed to the payment process.Here the app give us options for the payments like card,netbanking etc.
5. The main part is that it authenticates the user details and age for the capability of using this application.
6. Then the user is offered with different slots for
   Booking the drive,etc.

III. FUTURE SCOPE

There is always a possibility and extent for improvement in any application. Right now, we are just dealing with small algorithms. Several other apps serve similar purposes as this project, but these apps were rather difficult to use and provide confusing interfaces. A positive first impression is essential in a human relationship as well as in human-computer interaction. This project hopes to develop a vehicle driving Web app with a high-quality user interface.With the knowledge we have gained by developing this application, we are confident that in the future we can make the application more effective by adding these services.

IV. CONCLUSION

The main goal of the project is to develop a Secure vehicle driving management Application.this project is mainly helpful to the college students and school students. We had taken a wide range of literature reviewsto achieve all the tasks, where we came to know about some of the products that are existing in the market. We made detailed research in that path to cover the loopholes that existing systems are facing and to eradicate them in our application. In the process of research, we came to know about the technologies used to develop this type of architecture and different encryption-decryption algorithms. We analyzed various encryption algorithms (DES, AES, IDEA…), Integrity algorithms (MD5, SHA), key-exchange algorithms, authentication and we had implemented those functionalities in our application. We had gone through core and security concepts of reactJ mongodb ,java (JSSE, JCA) packages and for developing GUI we had implemented java swings.

ACKNOWLEDGMENT

We would like to thank the teacher and friends for supporting us throughout the making and preparation of this paper presentation.

REFERENCES

[1] Meng XF, Lu HJ, et al. Data extraction from the Web based on pre-defined schema. Journal of Computers Sciences and Technology, 2001,17(4):377~388.
[2] Silberschatz A, Stonebraker M, Ullman JD. Database systems: Achievements and opportunities. CACM, 1991,34(10):110~120.
[3] Silberschatz A, Stonebraker M, Ullman JD. Database research, achievements and opportunities into the 21st century. SIGMOD Record, 1996,25(1):52~63.

| e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijircce.com | |Impact Factor: 8.165 |

|| Volume 10, Issue 5, May 2022 ||

| DOI: 10.15680/IJIRCCE.2022.1005105|

[4] Silberschatz A, Zdonik SB. Strategic directions in database systems——Breaking out of the box. ACM Computing Surveys, 1996, 28(4):764~778.

[5] Diao Y, Altinel M, Franklin MJ, Zhang H, Fischer P. Path sharing and predicate evaluation for high-performance XML filtering. TODS, 2003, 28(4):296~336.

[6] Meng XF, Wang S, Wong KF. Overview of a Chinese natural language interface to databases: Nchiql. IJCPOL, 2001, 14(3):213~232.

[7] Meng XF, Liu S, Wang S. Word segmentation based on database semantic in Nchiql. Journal of Computer Science and Technology, 2000, 15(4): 346~354.

[8] Zhang X, Meng XF, Wang S. KingBase lite: A smart mobile embedded database system. In: Proc. of Fourth Int'l Conf. on High Performance Computing in Asia-Pacific Region (HPC Asia 2000). Volume II, IEEE Press, 2000. 806~811.

[9] Goldman R. Integrated query and search of databases, XML, and the Web [Ph.D Thesis]. Stanford University, 2000.

[10] Meng XF. Research on the technology of Web information integration. Computer Applications and Software, 2003,20(11):32~36(in Chinese with English abstract).

[11] Halverson A, Burger J, Galanis J. Mixed mode XML query processing. In: Freytag J C, Lockemann PC, Abiteboul S, Carey M J, Selinger P G, Heuer A, eds. Proc. of the 29th Int'l Conf. on Very Large Data Bases (VLDB). Berlin: Morgan Kaufmann, 2003.225~236.

[12] Bobineau C, Bouganim L, Pucheral P, Valduriez P. PicoDBMS: Scaling down database techniques for the smartcard. In: Abbadi AE, Brodie ML, Chakravarthy S, Dayal U, Kamel N, Schlageter G, Whang K-Y, eds. Proc. of the 26th Int'l Conf. on Very LargeData Bases (VLDB). Morgan Kaufmann, 2000. 11~20.

INNO SPACE
SJIF Scientific Journal Impact Factor
Impact Factor: 8.165

doi cross ref

ISSN INTERNATIONAL STANDARD SERIAL NUMBER INDIA

निस्केयर NISCAIR

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

9940 572 462 6381 907 438 ijircce@gmail.com

www.ijircce.com

Scan to save the contact details