**Online School Result Management System**

Submitted by,

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*CERTIFICATE*

*This is to certify that the research project entitled*

**Online School Result Management System**

is a record of the work done by Paromita Ghosh,Roll:203310-11-0046,Registration:313-1211-0391-20,under our supervision ,in fulfillment of the requirements for the award of Degree of Bachelor of Science (Honours)with specialization in Computer Science from Gurudas College ,the University of Calcutta in the Year 2023.at the examination under CBCS semester system.

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**ABSTRACT**

This is a project work on the topic of school result management system.This is a full stack web development project .The project that is designed to help admin and their students to track their academic results. This system can be used by schools as a tool for managing student results and generating reports.

**DOMINA DESCRIPTION**

School result management system is the web application developed for to provide the examination result to the student in a simple way .It Facilitates to store all student records of a particular school.The student data will store in the database created by the admin,and the viewers can get access to see the notification available in the website this system will help to store all documents of the student’s.

**THE MOTIVATION OF THE PROJECT**

I have seen many school website but there are very few website that provide online result. So, the Student Result Management System (SRMS) is a web- based tool that primarily focuses on delivering results to students and instructors. The student checks their separate outcomes using their school-registered recognition ids, as well as their grades and percentages.

**SCOPE OF THE PROJECT**

The student will have to register the registration form, in order to provide student details, which on admin can modify or delete later on.

After admin login the admin page will show the details of the admin,and the admin can update a student details,can modify the subject detils.

**BACKGROUND /REVIEW OF RELATED WORK**

We have studied the project of the software development in youtube where he develops software using php.The developer developed an website where there was basic few pages about schools,there was no system of Resgistration form, admin pages and more on.

The website made by developers was too basic in terms of technologies use.so I have tried to make a project on school result management system where there will be more technologies.

**PROBLEM FORMULATION**

This web application will reduce the manual work of the school management system. By solving this project my first problem

DATA FLOW DIAGRAM(DFD)

* LEVEL 0 DFD:

Generated Reports

User Account Maintenance

Administrator

Admi

Records of Student

Marks Entry

User name,password

p

Teacher

Marks Details

User Name,Password

Student

* LEVEL 1.1DFD:

ExternalFeatures:This will be the first screen that will be displayed.It allows user to access different screens based upon the user role.Like User ID,Password,Role.

Students performance report

Update Students marks

User account info

Enter User Name,Password

User info Entry

Enter User Name,Password

Administrator

Marks details

Student Details

Teacher

Administrator

* LEVEL 1.2 DFD of Login:

Enter User Name,Password

Enter User Name,Password

Enter User Name,Password

Retrieve user info

User account info

Teacher

Student

Administrator

* LEVEL-1.3 DFD of User account maintenance:

Update/delete user info

Retrieve user info

Enter/Update/delete user info

Student Performance report

Administrator

View user info

Marks details

User Account info

Retrieve Marks

* LEVEL 2.1 DFD of Student information management:

Enter/Update/delete student info

Enter/Update/delete student info

View student info

Administrator

Student info

Retrieve student info

* LEVEL 2.2 DFD of Subject information management:

Enter/Update/delete subject info

Enter/Update/delete subject info

View subject info

Administrator

subject info

Retrieve subject info

* LEVEL 2.3 DFD of Marks information management:

Retrieve his marks info

Retrieve marks info

Enter/Update/delete marks

Update/delete marks

Marks details

Teacher

Administrator

View students marks

View his marks

Student

SOFTWARE REQUIREMENT AND SPECIFICATION

DEFINATION:

The main objective of this project is to make all possibilities work related to accounts student data information. Student can pay their

security.Admin can update the notice on the notice board,the location

of the school is provided on website.user can contact to the staff

through the website.

Benefits and Goals:

This web page will make easy to manage student’s record.The goal of

This project is to reduce the parents as well as staff effort so

That the student of that particular school can get notified from the

Website.

REQUIREMENT

The user should have an laptop and desktop.

The device should have stable internet connection with internert speed

More than 2 mb/s.

The device should have a web browser to open the web application.

SECURITY AND PRIVACY

The data that will be inserted into the registration pages will be

Securely kept after hashing the data so that even with any security

Branch no one except admin can got the authenticate information but

Of it.And also in admin page,the user’s name and password are

Save separately in the program,which is secure from every other.

TYPE OF USER

This project is mainly for the students,this fully digital system will help

The specific institute or school to reduce their effort.the admin and the customers will be the main users of this project.

CONSTRAINT

To use this project even user and admin should have a working laptop

And desktop device with stable internet connection.The laptop and

Desktop devices especially in the case of the admin should have hard

Disk space so that person can manage the database without any gitches.This project is limited to a single restaurant only.

ASSUMPTIONS

Admins and user as well as student , have access to a laptop and

Desktop with stable internet connectivity.The desktop and laptop

Which the admins have must be free from cacho so that they can control the database without any gitches and buffering.The user

Should know how to use the web application as well as the browser

They are using to access the web application.The internet connection

Of user must have a speed of more than 2mb/s for accessing the web

Application.The device they are using should have anything more than 512mb of RAM.

FUTURE WORK

* I am trying to add another section of student we each and every individual student can separately logging into to check their ideational performance.
* Working on introducing onlinf payment into this project.
* We will be trying to make this whole project responsive so that this web application can be viewed perfectly in mobile phone as well.

IMPLEMENTATION

The project work mainly focusses on school management system for a

Single particular school .This system was designed primary for the user or student , so that they can communicate with staff easily.

The user has to open the web application then they are redirected

To the main page where the user will be able to look all the details of

The school present on the website.Moreover,user can contact directly

To the school through website, and the user can have the location

Of the school.

The admin can also check the database,and if they want to change or update, and they can remove the student’s details by using the option

Delete.