

**A**  
**Project Report on**  
**“ONLINE RESULT MANAGEMENT SYSTEM”**



**Bachelor of Technology**  
**Semester V**

**Submitted To:-**

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## Abstract

The project mentioned as 'Online Result Management System' is an online system that aids in the allocation of marks and all India ranks and category ranks. It thus reduces human effort and makes all the process much easier and tidy.

The proposed plan and its implementation in this online system will specifically benefit the officials who deal with result related issue.

# Problem Definition

In general till now most of the online exams manually process out the allocation of results. This traditional way requires a lot of labor. This not only makes the whole process messy but also slow. Many a times it results into other secondary problems and also affects other department's performances.

All this greatly needs for a fully automated system which makes this process faster and effective.

## Feasibility Study

The system created could play a major role in any exam's result publication. Specially during the publication of new results it will prove quiet handy because it take most the human effort out of the job rather all that job would be performed automatically by the system. Further it could be used for editing of results . The students can also know their all India and category ranks which would make the complicated process much simpler .

# Requirement Analysis

## **HARDWARE REQUIREMENTS:**

Processor: Pentium IV and above

Processor speed: 1.4 GHz Onwards

System memory: 128 Mb minimum

Cache size: 512 KB

RAM: 512 MB(minimum)

Internet access: upto few mbps

## **SOFTWARE REQUIREMENTS:**

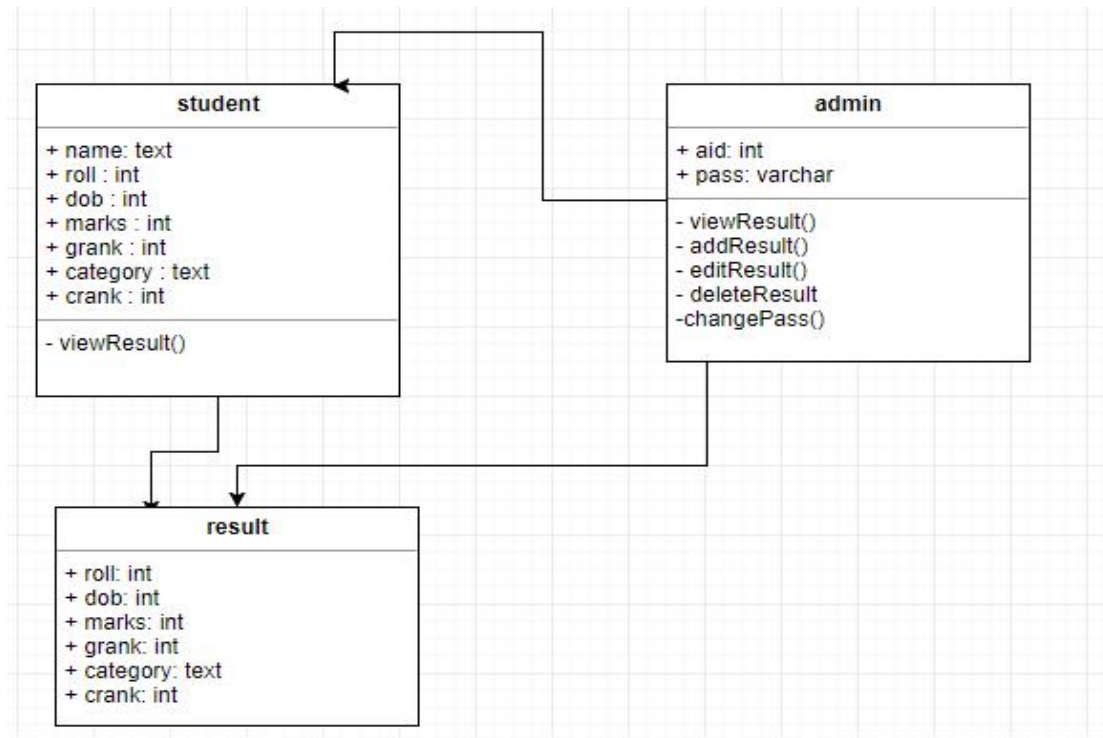
A major element in building a system is the selection of compatible software .

Front-end :      HTML, CSS

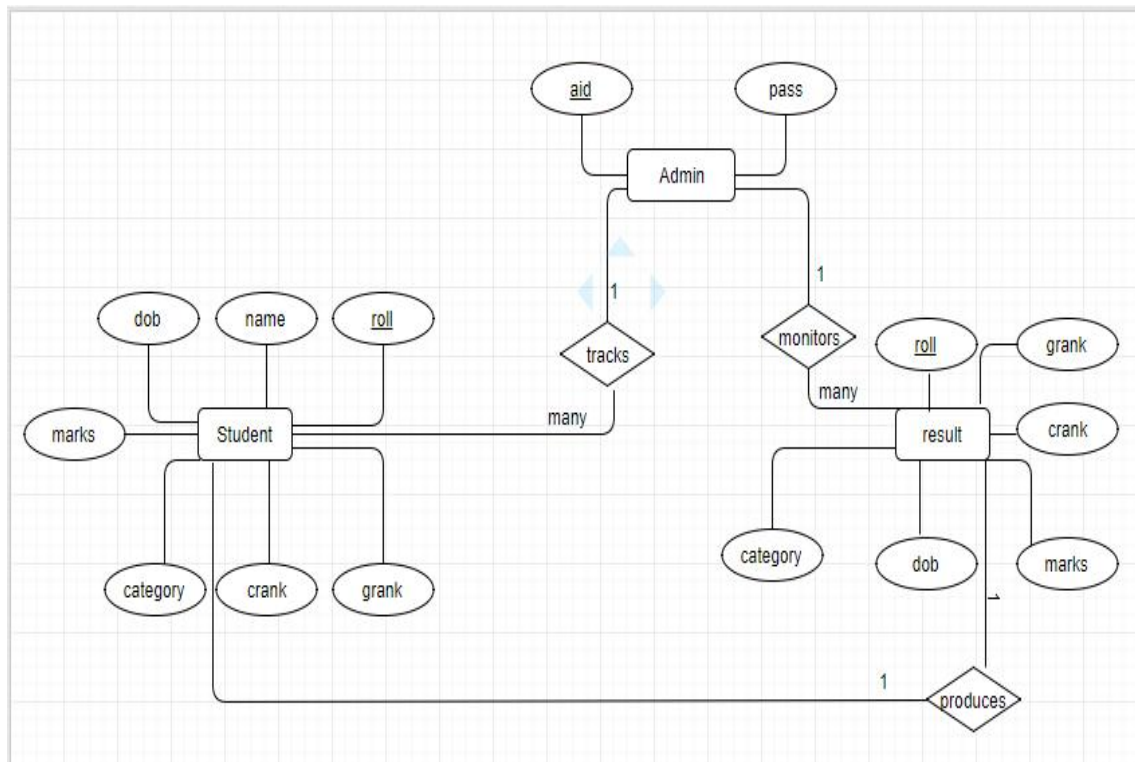
Back-end :            PHP,MYSQL

Operating system :   Windows (minimum XP)

# Schema Diagram

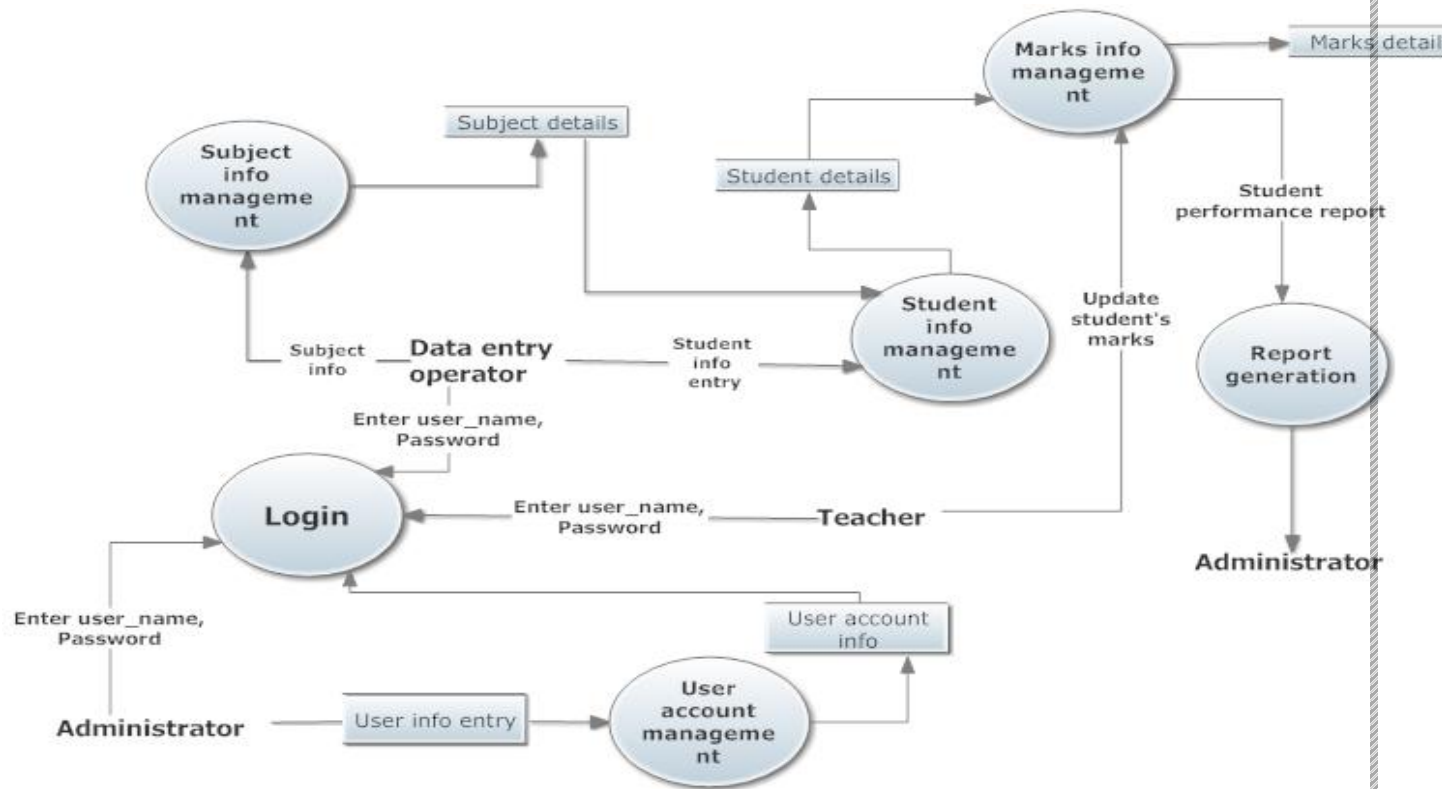


# ER Diagram

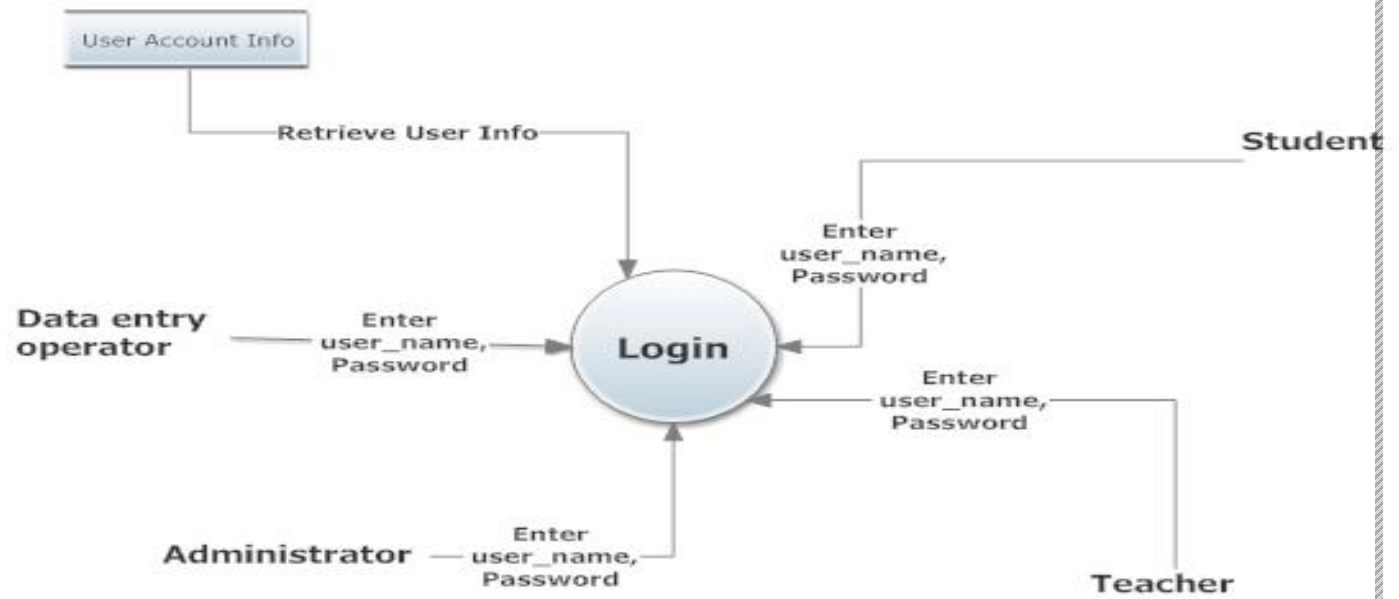




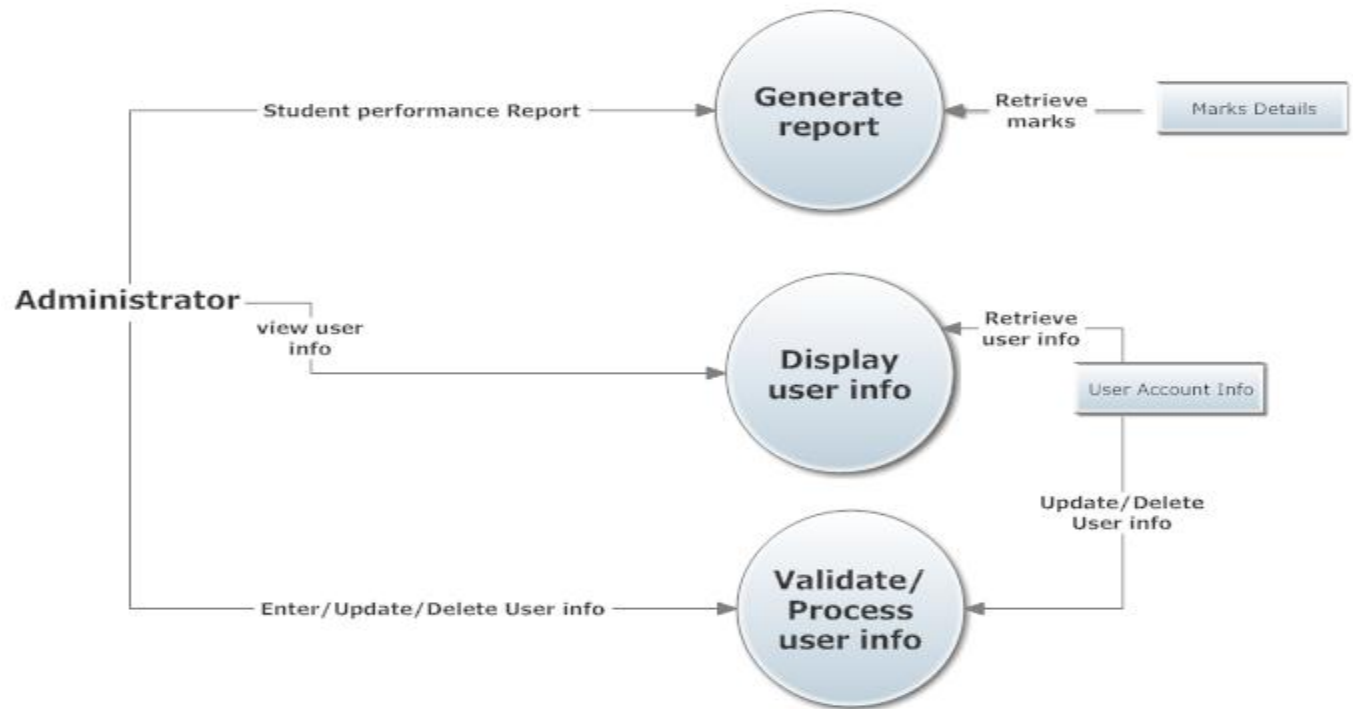
# Level-1 DFD



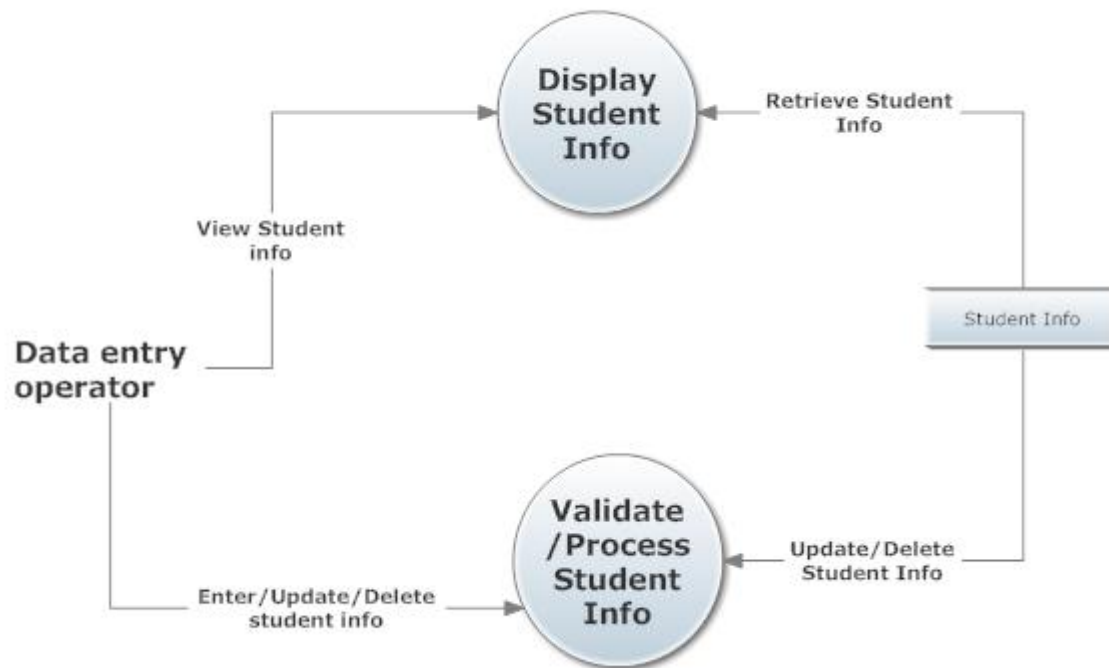
## Level-2 DFD of Login



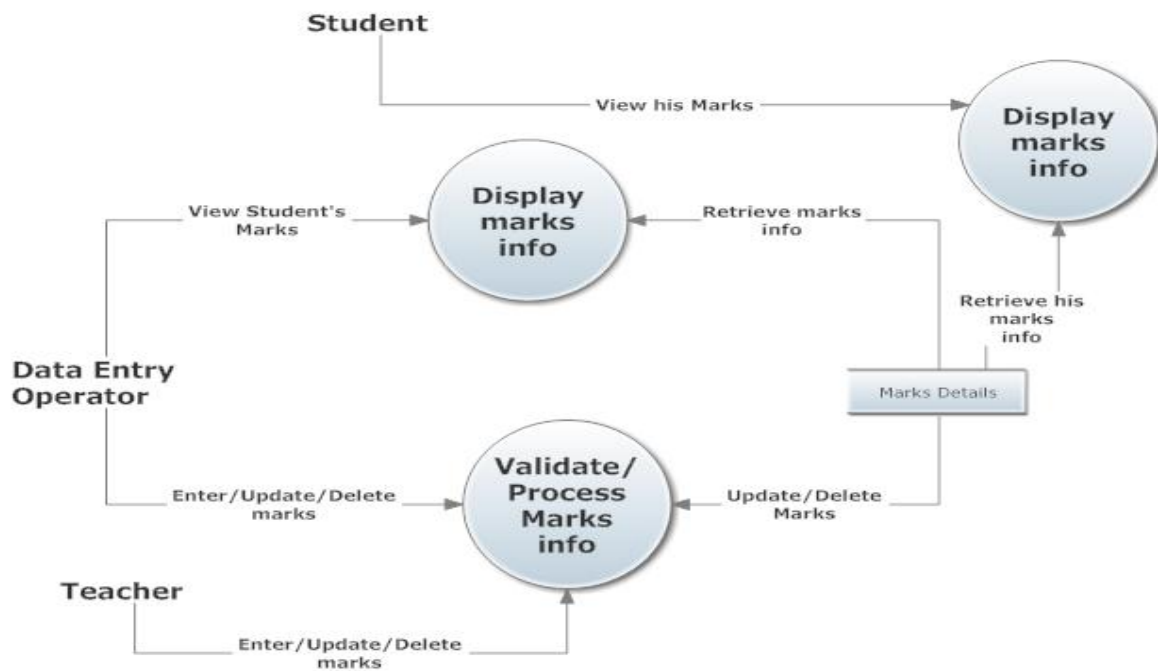
## Level-2 DFD of User account maintenance



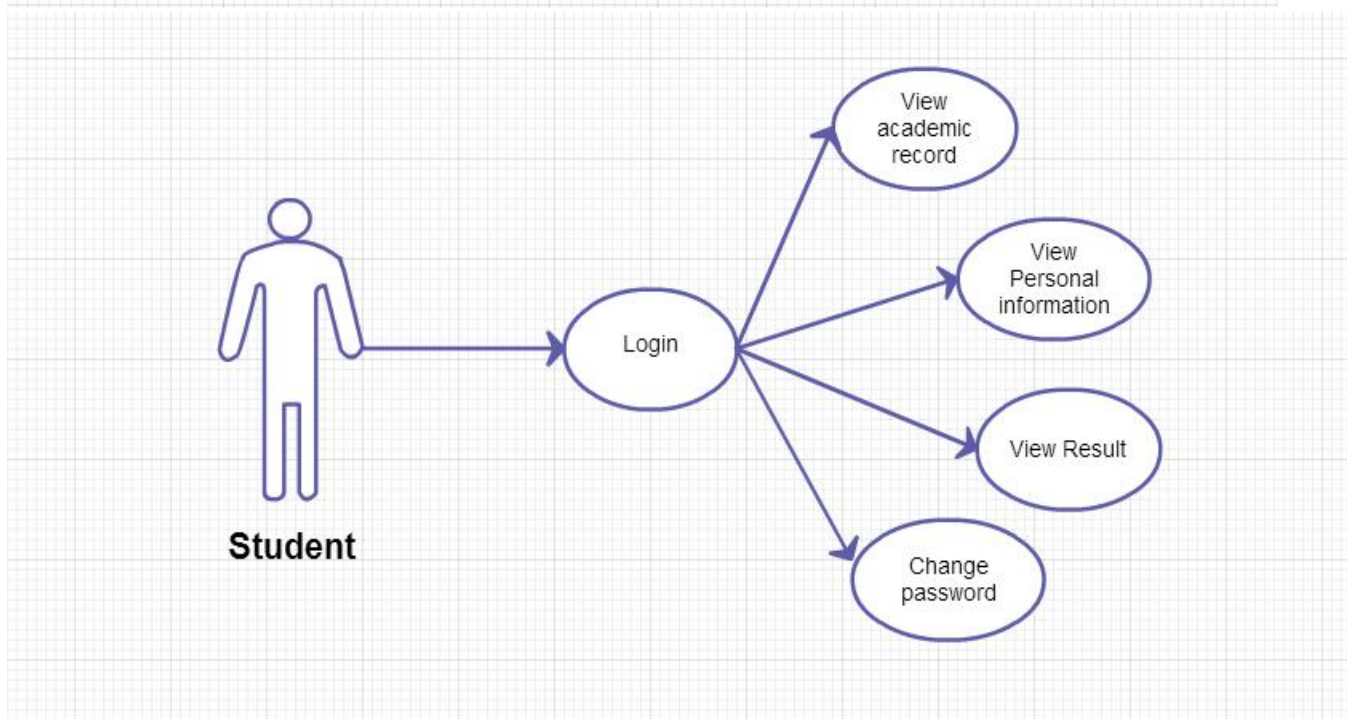
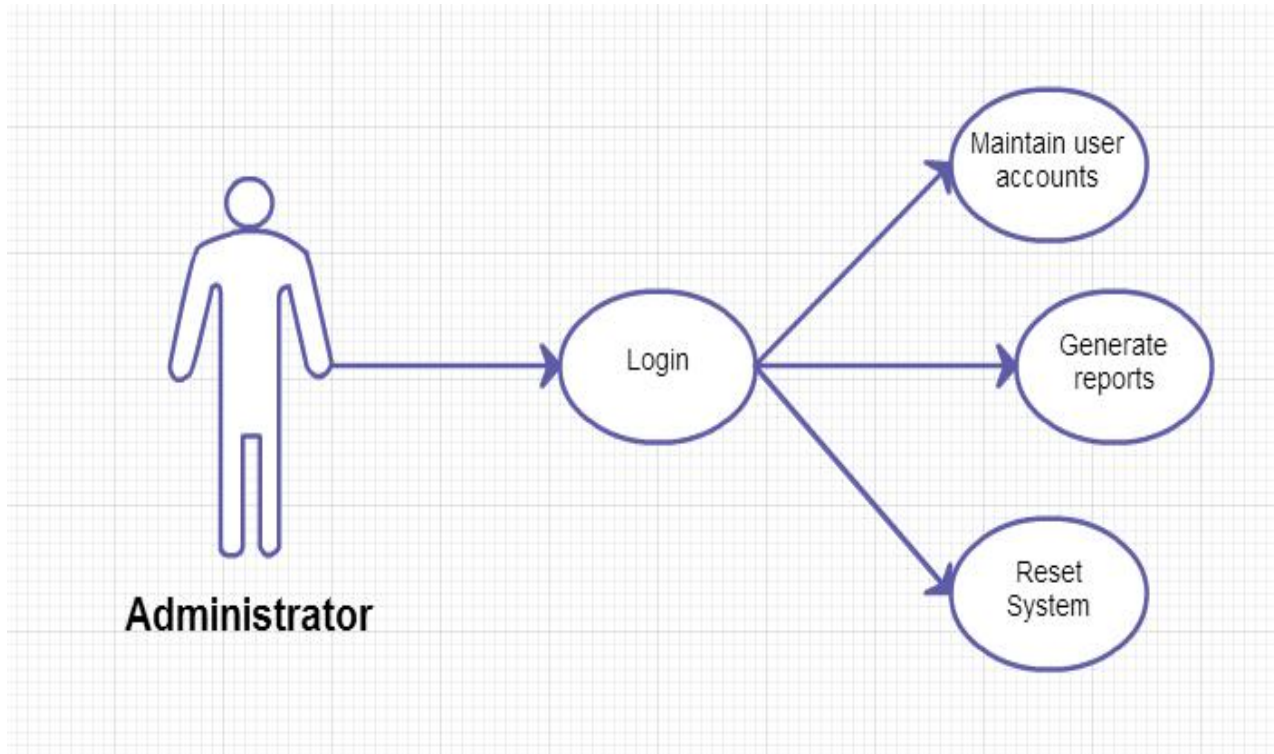
## Level-2 DFD of Student information management



## Level-2 DFD of Marks information management



## Use Case Diagram:



# Database design

## admin table

| Field    | Column Name | Variable Type |
|----------|-------------|---------------|
| User-Id  | aid         | Int           |
| Password | pass        | Varchar       |

## student table

| Field          | Column Name  | Variable Type |
|----------------|--------------|---------------|
| Name           | name         | Text          |
| Roll No        | roll         | Int           |
| Password       | dob          | Int           |
| Marks          | marks        | Int           |
| All India Rank | grank        | Int           |
| Category       | category     | Text          |
| Category Rank  | categoryrank | Int           |

## Frontend Design

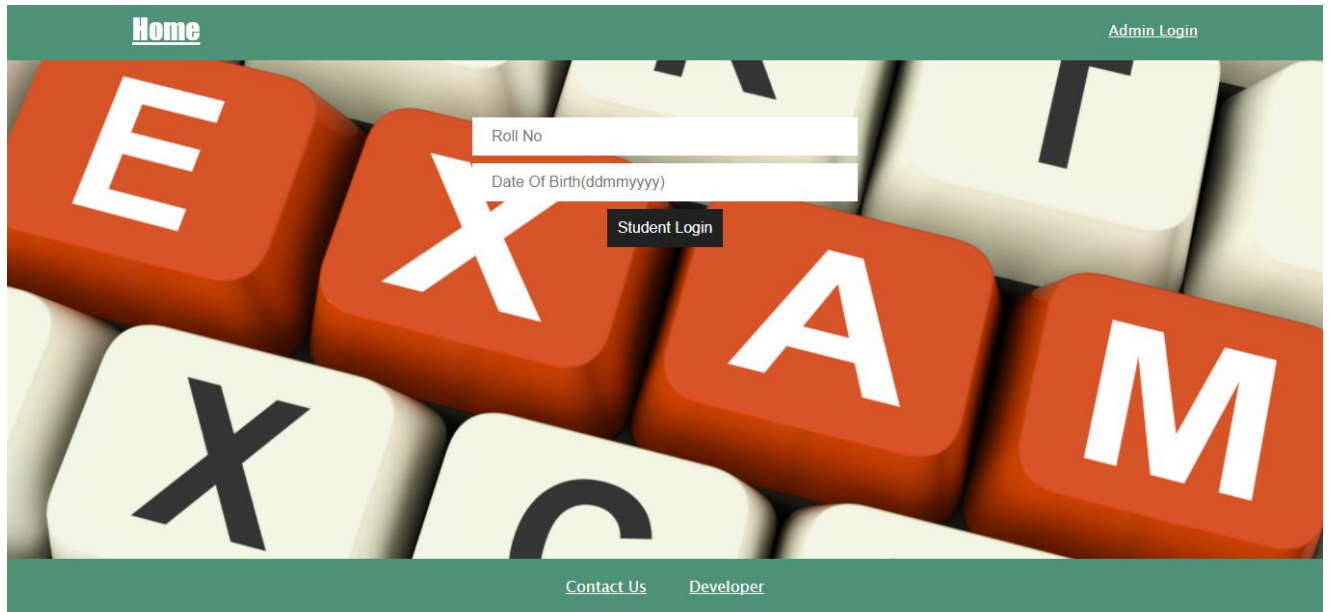
Front page of the system consists of student login portal and also links to admin login page.

Admin can enter, edit, delete, view all the results in his module and could be further be viewed by student on requirement.

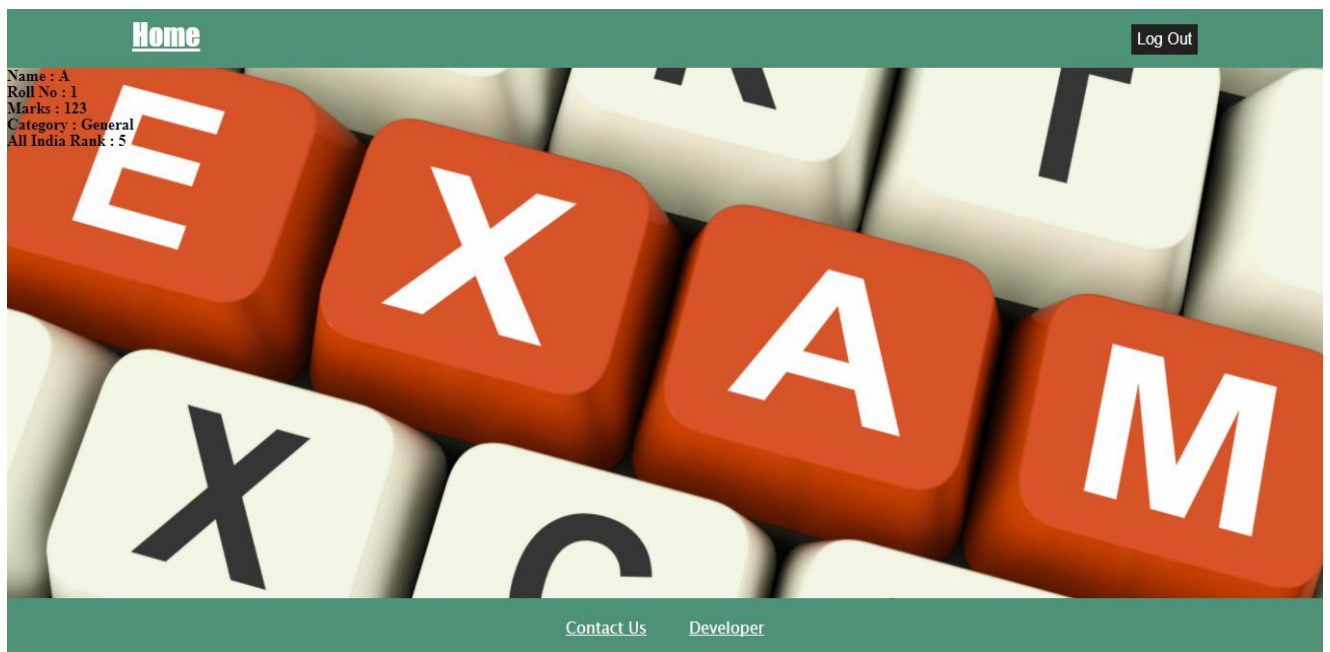


# Screenshots

## Homepage



## Student Home



# Admin Login

[Home](#)

[Contact Us](#) [Developer](#)

# Admin Home

[Home](#) [Admin Home](#)

[View Results](#)  
[Add Result](#)  
[Edit Result](#)  
[Delete Result](#)

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## View Results

| <div>Home Admin Home Log Out</div> |         |       |                |          |               |
|------------------------------------|---------|-------|----------------|----------|---------------|
| Name                               | Roll No | Marks | All India Rank | Category | Category Rank |
| A                                  | 1       | 123   | 5              | General  | -             |
| B                                  | 2       | 130   | 3              | General  | -             |
| F                                  | 3       | 120   | 6              | OBC      | 3             |
| Df                                 | 4       | 140   | 2              | General  | -             |
| W                                  | 6       | 109   | 7              | OBC      | 4             |
| sd                                 | 7       | 126   | 4              | OBC      | 2             |
| Ashis                              | 8       | 150   | 1              | OBC      | 1             |

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## Add Result

| <div>Home Admin Home Log Out</div>  |  |
|---|--|
| <div><div><div><div><div><div>Name</div><div>Date Of Birth(ddmmyyyy)</div><div>Marks</div><div>General</div></div><div>Add Result</div></div></div></div></div> |  |
| <div>Contact Us Developer</div>   |  |



# Edit Result

[Home](#) [Admin Home](#) [Log Out](#)

Put the roll no of the student to edit.

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# Delete Result

[Home](#) [Admin Home](#) [Log Out](#)

Put the roll no of the student to delete.

Delete Result

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Name : Df  
Roll No : 4  
Marks : 140  
Category : General  
All India Rank : 2

Delete Result

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# Developer

[Home](#)

Developer:  
Ashis Ranjan Dey  
Email : [aranjandey@gmail.com](mailto:aranjandey@gmail.com)



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## Limitations

This system almost automates the whole process of result management related issue but it also has few of its limitations such as it requires at least an admin to monitor and insert the results for further use. Also, it could be further linked to online exam gateway.

# Conclusion

To conclude the description about the project The project, developed using HTML,CSS, PHP and SQL SERVER is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement.

Practical Training is a very important part of the curriculum as it strengthens the concepts and enhances knowledge about the practical implementation of all the theory concepts, I have learn so far in different subjects.

Although the project work has been done in a complete and detailed manner but due to the constraint of time, I could not include some more features i wanted to. I left these features as a part of the future development. As soon as I'll get time I'll try to add them to my project.

Also I would like to specially thanks to our CSE HOD Dr. Sangram Ray whose guidance helped me to finish this project.



# **References**

## **Book used:-**

Software Engineering ,McGraw-Hill International Editions

Henry F Korth, Abraham Silberschatz, "Database system concepts",

## **Sites Used:-**

[www.w3schools.com](http://www.w3schools.com)

[www.stackoverflow.com](http://www.stackoverflow.com)