

STUDENT DATABASE MANAGEMENT SYSTEM

Description of project:

Project Student database management system mainly deals with the maintaining of personal information of student and also to make marksheet of student. The user can manipulate and access the data from database. From this project we can maintain progress of student

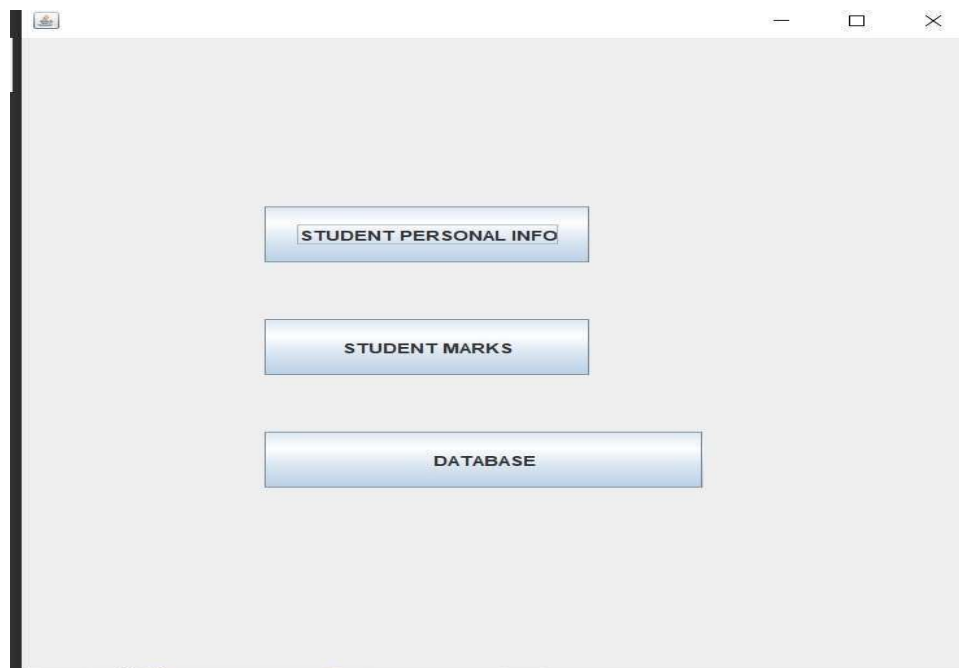
Our application contains three pages in first page it contains option three options

1) Student personal information

2) Student's marksheet

3) Database

In the first page user can choose any one of the option as his need each option has unique purpose



On clicking on student personal Info we can see this page

STUDENT PERSONAL INFO

Name	ALLEN
Hallticket	192A4327
ssc_marks	9.5
phone_number	885241635

Insert Delete

data suceesfully inserted

We need to enter the details in page 2 by clicking insert the data will store in database

→ Creating table in database

Syntax:

```
SQL> create table studentdetails(NAME VARCHAR2(10),HALLTICKET  
VARCHAR2(10),SSC_MARKS float  
,PHONENUMBER int ,constraint sd primary key(HALLTICKET));
```

```
SQL> select * from studentdetails;
```

NAME	HALLTICKET	SSC_MARKS	PHONENUMBER
CHANDRA	192A4567	9.2	9550472088
ALLEN	192A4327	9.5	885241635

In this table we can store phone_number , sscmarks , in student personal table, the user can access personal information of each student by entering unique Hallticket number in page 3 database

On clicking the student marks we can see this page:

A screenshot of a web application window titled "Student Marks Entry". The window contains a form with the following fields:

- Hallticket:
- Name:
- Grand Total:
- Grade:
- Status:
- Subject:
- Marks:

Below these fields, there are two columns of subjects with corresponding marks input fields:

Subject	Marks
Sanskrit	<input type="text"/>
English	<input type="text"/>
Maths-1	<input type="text"/>
Maths-2	<input type="text"/>
Physics	<input type="text"/>
Chemistry	<input type="text"/>

At the bottom right, there are three buttons: "RESULT", "CANCEL", and "SAVE".

We need to enter the details in this page:

A screenshot of the same web application window, now with data entered into the form fields:

- Hallticket: 192A3456
- Name: UMESH
- Grand Total:
- Grade:
- Status:
- Subject:
- Marks:

The subject marks table is now populated with the following values:

Subject	Marks
Sanskrit	99
English	95
Maths-1	75
Maths-2	75
Physics	60
Chemistry	60

The "RESULT", "CANCEL", and "SAVE" buttons remain at the bottom right.

After enter the details we need to click on result button we will get results

Hallticket	192A3456
Name	UMESH
Grand Total	464.0
Grade	A
Status	PASS

Subject	Marks
Sanskrit	99
English	95
Maths-1	75
Maths-2	75
Physics	60
Chemistry	60

Buttons: RESULT, CANCEL, SAVE

Hallticket	192A3456
Name	ARJUN
Grand Total	400.0
Grade	-
Status	FAIL

Subject	Marks
Sanskrit	80
English	90
Maths-1	75
Maths-2	75
Physics	60
Chemistry	20

Buttons: RESULT, CANCEL, SAVE

By clicking on Save(button) details will be stored in database

->creating table to store marksheet

Syntax:

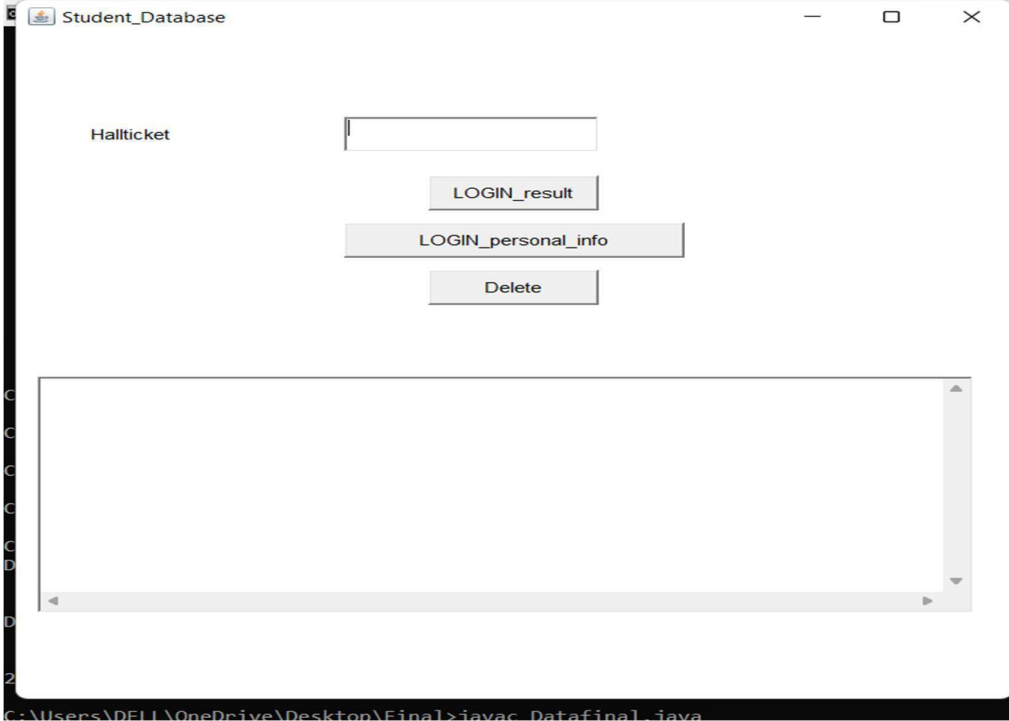
```
create table marksheet(HALLTICKET varchar2(12),NAME
varchar2(10),SANSKRIT int ,ENG int,MATH1 int,MATH2 int ,PHY int
,CHEM int ,TOTAL int ,GRADE varchar2(2),STASTUS varchar2(12));
```

```
SQL> select * from marksheet;
HALLTICKET NAME      SANSKRIT    ENG    MATH1    MATH2    PHY    CHEM    TOTAL GR STATUS
-----
192A5407  ARJUN        96      92      70      75      58      60      451 B  PASS
192B345   ARJUN        90      88      70      56      58      20      382 -  FAIL
192A5412  CHANDRAKANTH 99      95      75      75      60      60      464 A  PASS

SQL> select * from marksheet;
HALLTICKET NAME      SANSKRIT    ENG    MATH1    MATH2    PHY    CHEM    TOTAL GR STATUS
-----
192A5407  ARJUN        96      92      70      75      58      60      451 B  PASS
192B345   ARJUN        90      88      70      56      58      20      382 -  FAIL

SQL> desc marksheet;
```

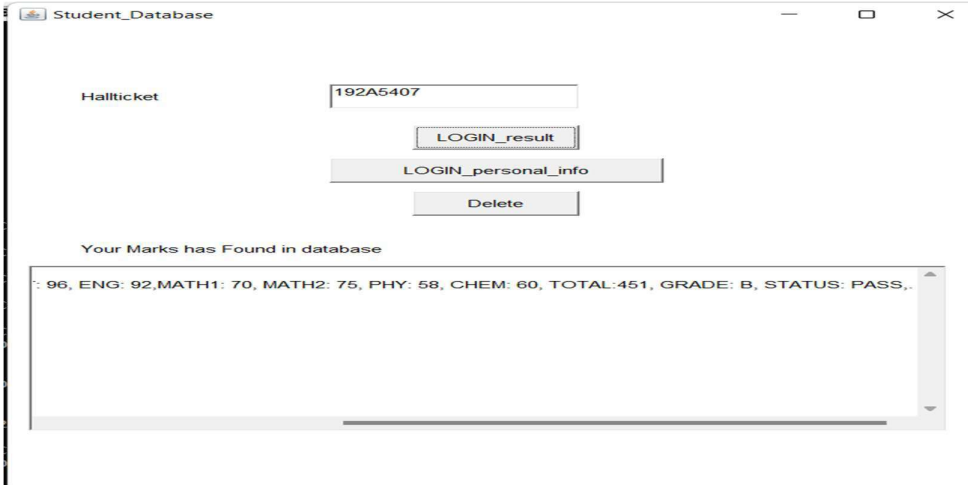
On clicking database option it will take to 3rd page :



The screenshot shows a Java Swing window titled "Student_Database". It contains a text label "Hallticket" followed by an empty text input field. Below the input field are three buttons: "LOGIN_result", "LOGIN_personal_info", and "Delete". At the bottom of the window is a large, empty rectangular area with a scrollbar, likely intended for displaying student information or results. The window has standard Windows-style title bar controls (minimize, maximize, close).

On this we need to enter Hallticket number

On clicking Login_result it will show particular student marks information



The screenshot shows the same "Student_Database" window. The text input field now contains the value "192A5407". The "LOGIN_result" button is highlighted with a dashed border, indicating it is the active or selected button. Below the buttons, the text "Your Marks has Found in database" is displayed. The large rectangular area at the bottom now contains the following text: "96, ENG: 92, MATH1: 70, MATH2: 75, PHY: 58, CHEM: 60, TOTAL: 451, GRADE: B, STATUS: PASS,.". The window title bar and controls remain the same.

On clicking Login_personal_info it will show particular student personal information

The screenshot shows a window titled "Student_Database". It contains a text input field labeled "Hallticket" with the value "192A4327". Below the input field are four buttons: "LOGIN_result", "LOGIN_personal_info" (which is highlighted with a dotted border), and "Delete". Below the buttons, a message states "Your details has Found in database". At the bottom, a text area displays the retrieved information: "NAME: ALLEN, HALLTICKET: 192A4327, SSCMARKS: 9.5, PHONENUMBER 885241635."

On clicking delete it will details of particular student details from database

The screenshot shows the same "Student_Database" window. The "Delete" button is now highlighted with a dotted border. The text area at the bottom displays the message "192A4327 deleted sucessfully".

From these Application we can make student database of personal details like phonenumber ,ssc marks,name .we can also make student progress report consisting of each subject individual marks ,total marks ,grade and pass or fail status .

