Criteria B – Design

**Prototype of the application**

# Homepage of the Application



Form for Admin to login

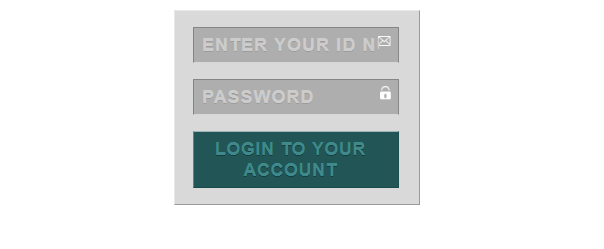
Form for staff to login to the system

Form for Staff to Register

Form for Students to Register

The Homepage of the Application

# Staff Login and Landing Page

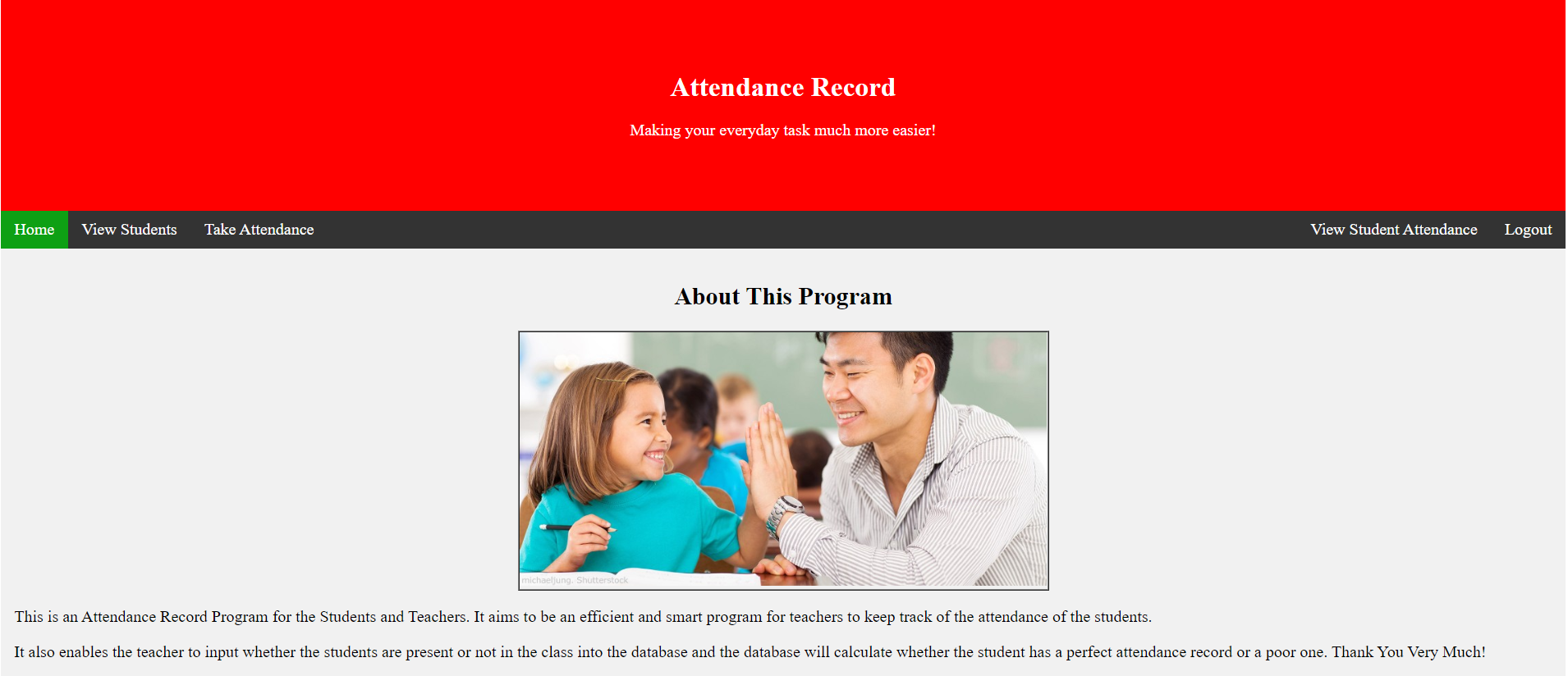


Log In with pre-registered staff ID\_Number and Password. These login credentials will be checked with a phpMyAdmin Database.

Textbox to enter Password

Textbox to enter ID\_Number

Staff will be directed to the Staff Homepage if the login is successful. Here, they can do so tasks and logout.



Logout for the staff. Staff will be redirected back to the Staff Login Form

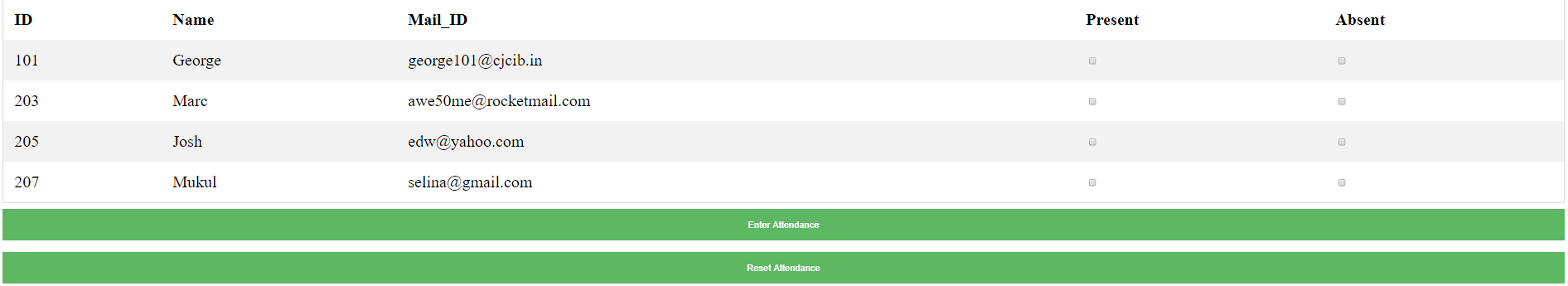
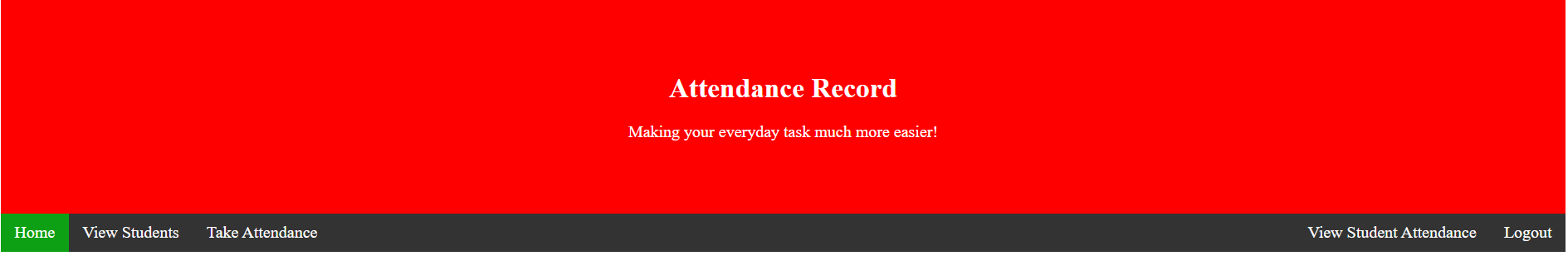
This allows staff to view the student attendance, no. of days they were present, their status, etc

This allows the teacher to take the student attendance

This shows the view form of students where staff can view the students

Redirects to Staff Homepage

# Staff Take Attendance Page



This button enters the information of those present and absent into the database. It will be added to the no. of days present, no. of days absent and total no. of school days.

This button resets all the attendance.

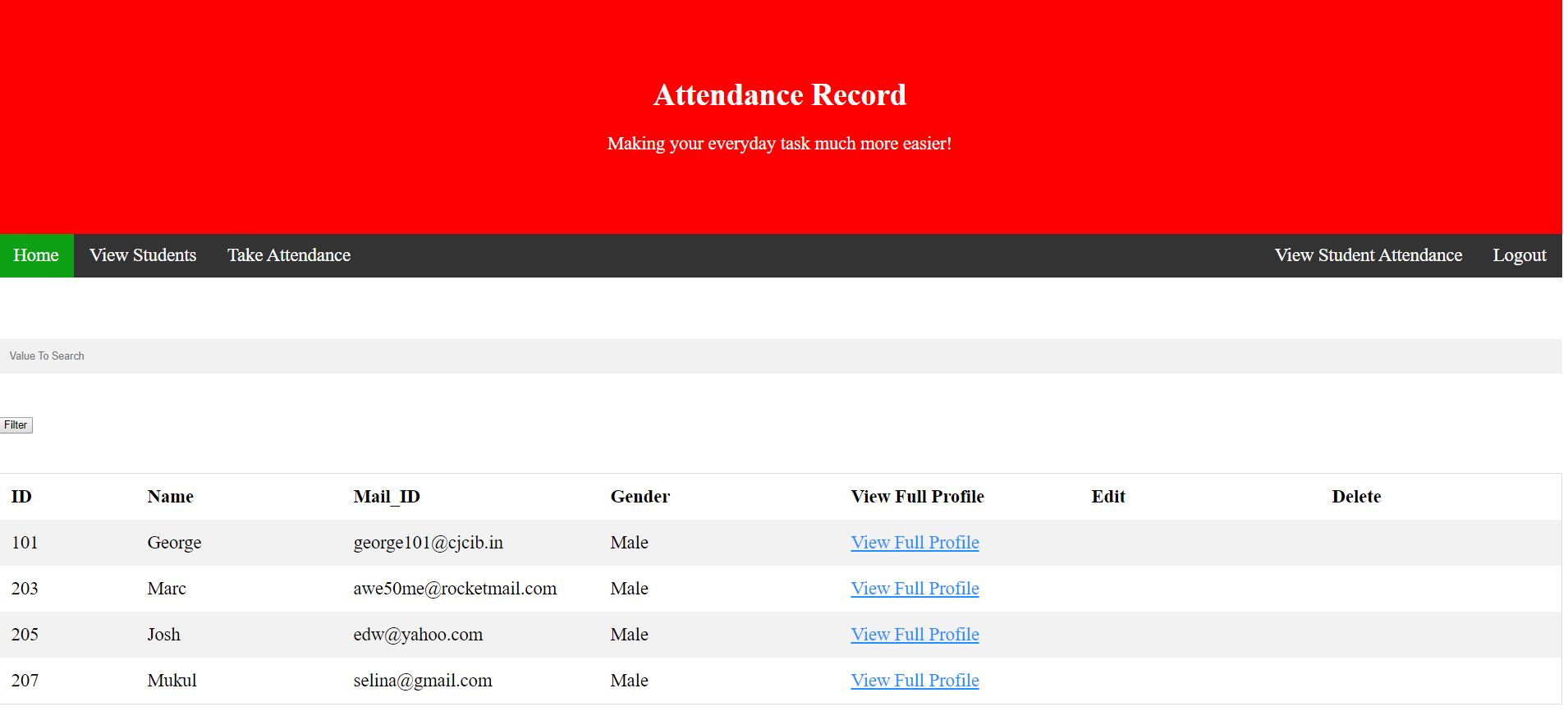
This page displays all the students along with their ID, their name, and email address

Here, staff members can mark whether the students are present or absent.

If the staff member clicks on Take Attendance, this is the page they are directed to. Here Staff Members can take attendance of students.

# View Students and View Student Attendance for Staff

Users are directed to this page if they click on ‘View Students’ on the navbar



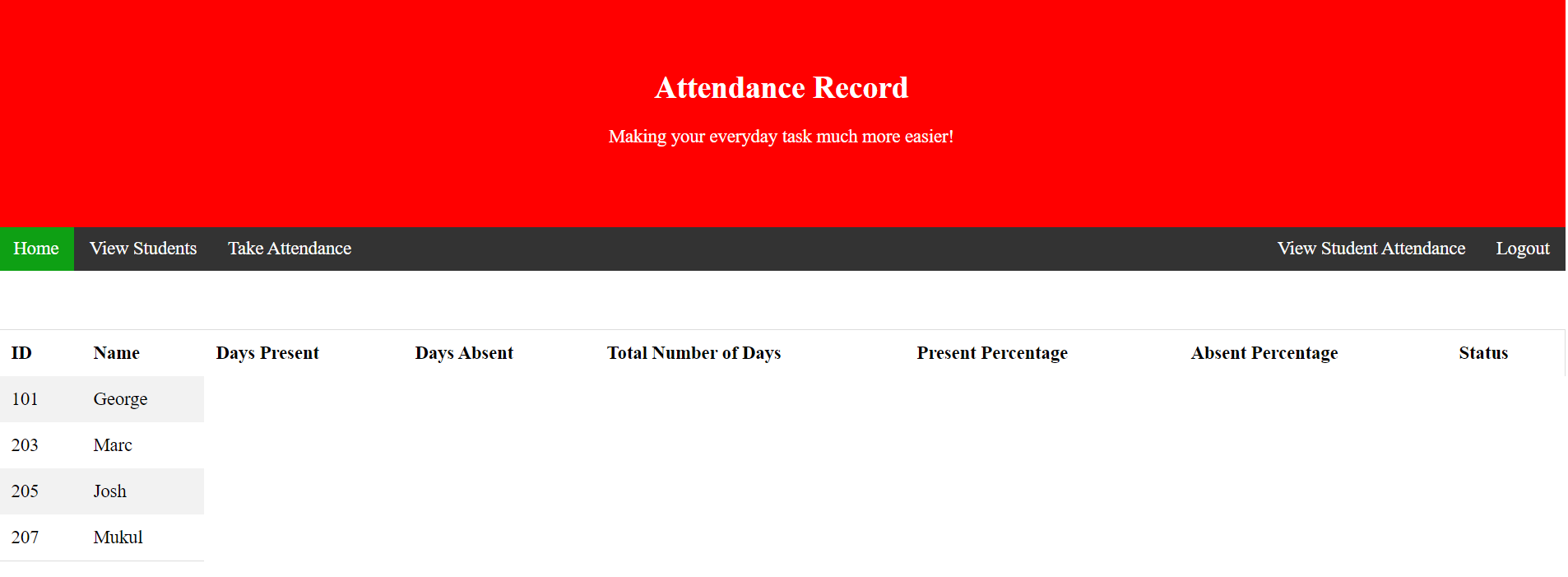
This page displays all the students along with their ID, their name, and email address and gender

This ‘Delete’ link allows you to delete a student’s info from the database

This link allows you to view the student’s full profile

This button filters out all the values that don’t match the criteria in the searchbox

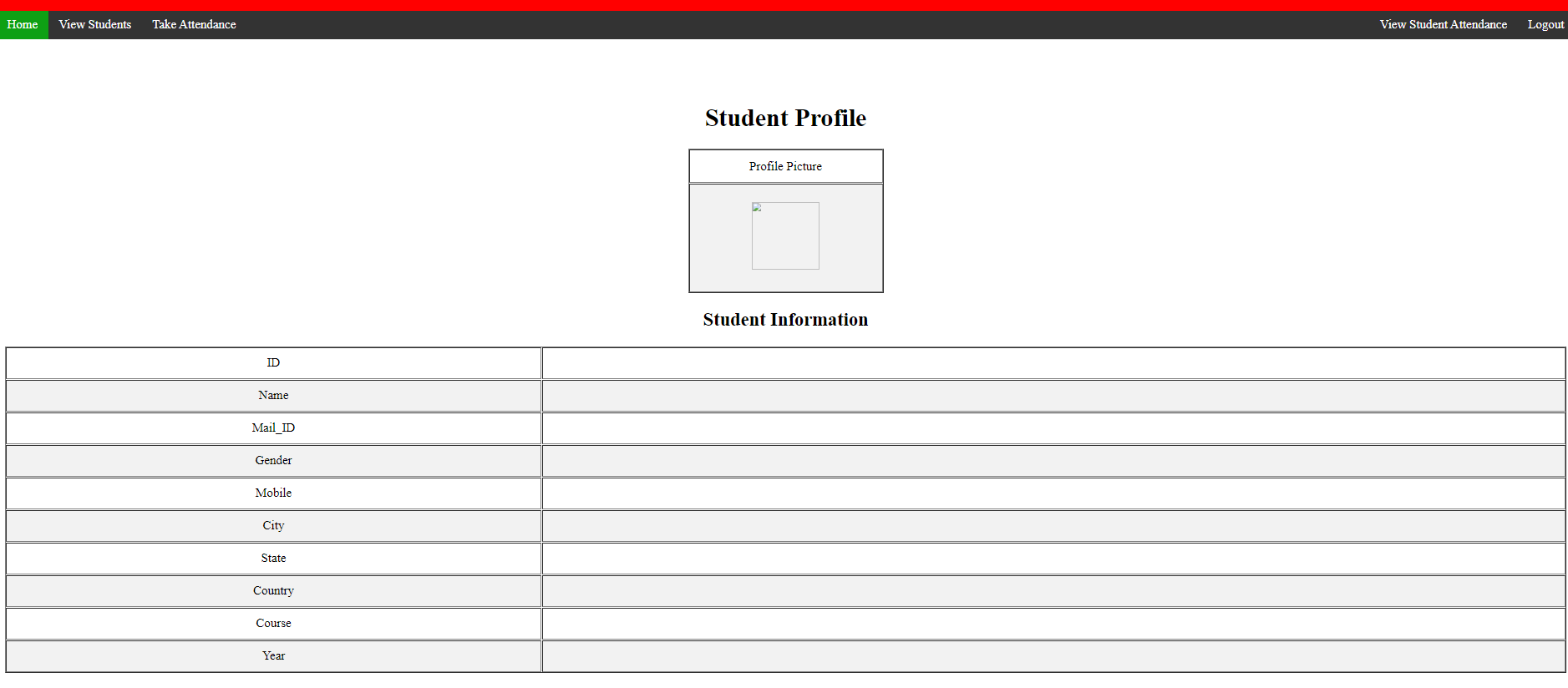
A textbox where you can search a particular student



The user is directed to this page if he/she clicks on ‘View Student Attendance’

This page displays all the students along with their information such as ID, Name, Days Present, Days Absent, Total No. of Days, Present Percentage, Absent Percentage, and Status. This information is taken directly out of the database and displayed here.

# Edit Full Profile for Both Staff and Admin

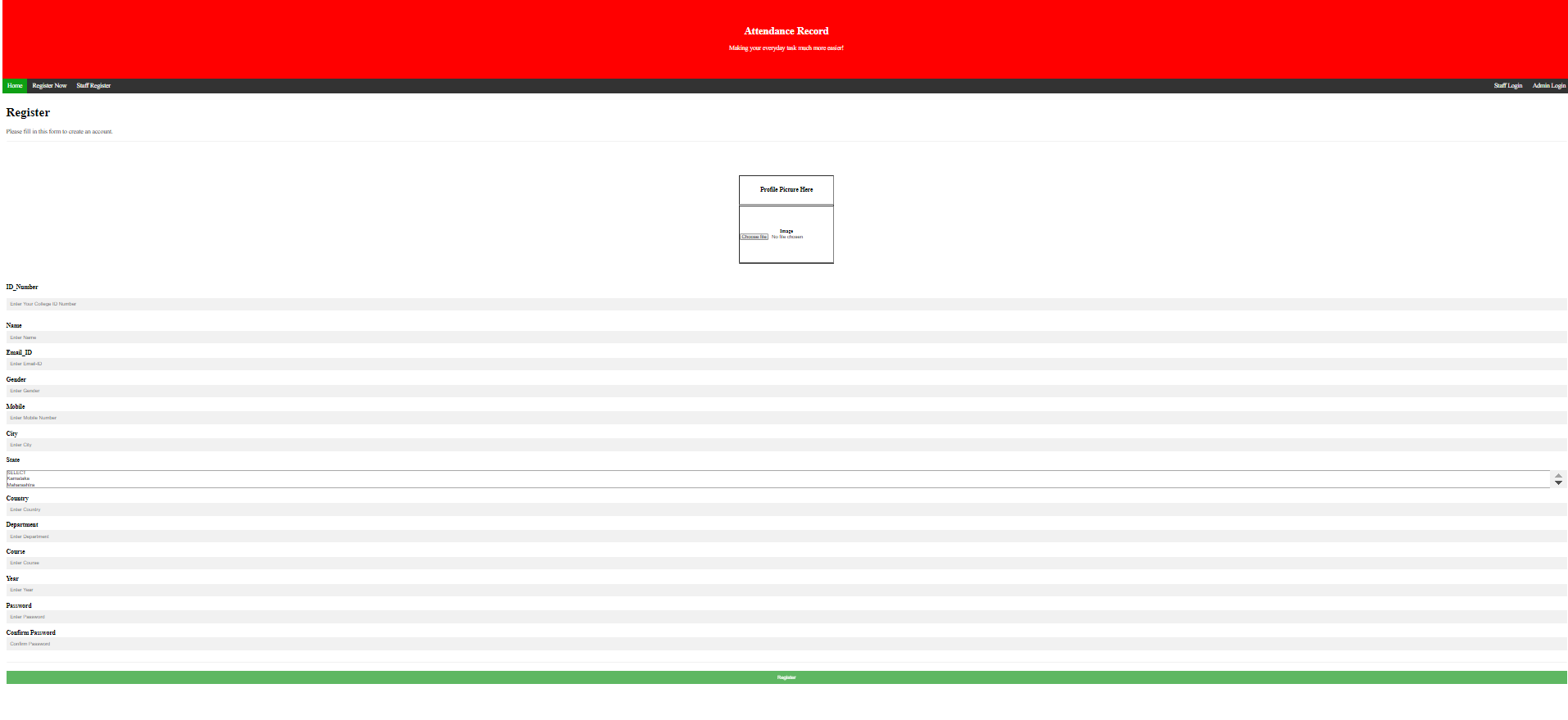


Student’s full information is displayed here like the ID, Name, Mail\_ID, Gender, Mobile, City, State, Country, Course and Year

This page is displayed if the user clicks on the ‘View Full Profile’ in the View Students page.

Student’s Profile Picture is displayed here.

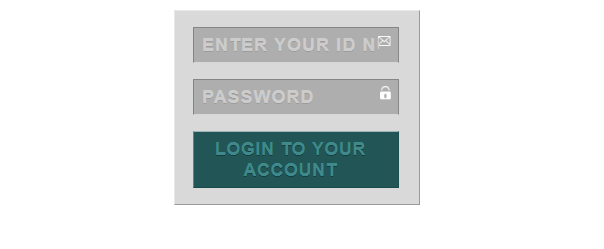
# Registration Forms for Both Student and Teacher



This is where students can save their profile pictures.

This is a registration form for students where the student can enter information into the database.

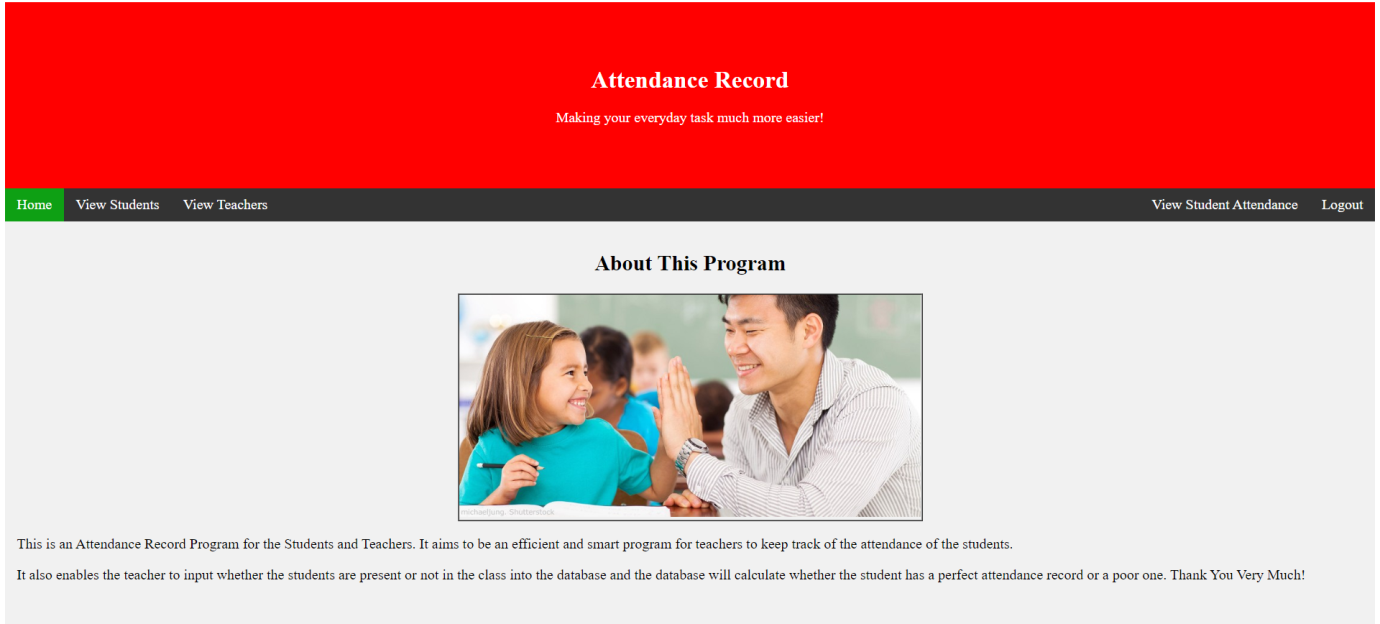
# Admin Login and Landing Page



Log In with pre-registered staff ID\_Number and Password. These login credentials will be checked with a phpMyAdmin Database.

Textbox to enter Password

Textbox to enter ID\_Number



This allows you to view the student attendance

This allows you to view the students info

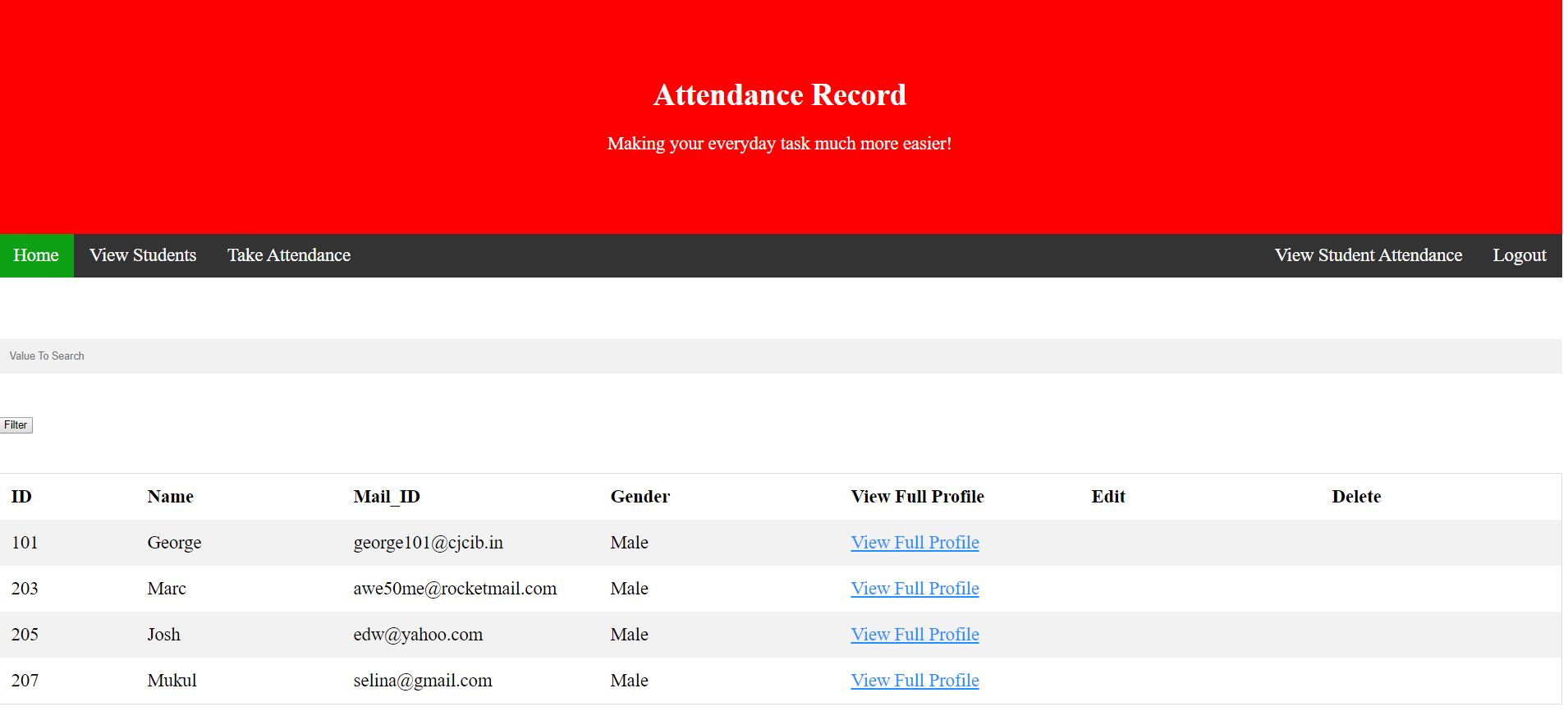
Staff will be directed to the Staff Homepage if the login is successful. Here, they can do so tasks and logout.

This directs you back to the admin login page

This allows you to view the teachers info

# View Students for Admin

Users are directed to this page if they click on ‘View Students’ on the navbar



This page displays all the students along with their ID, their name, and email address and gender

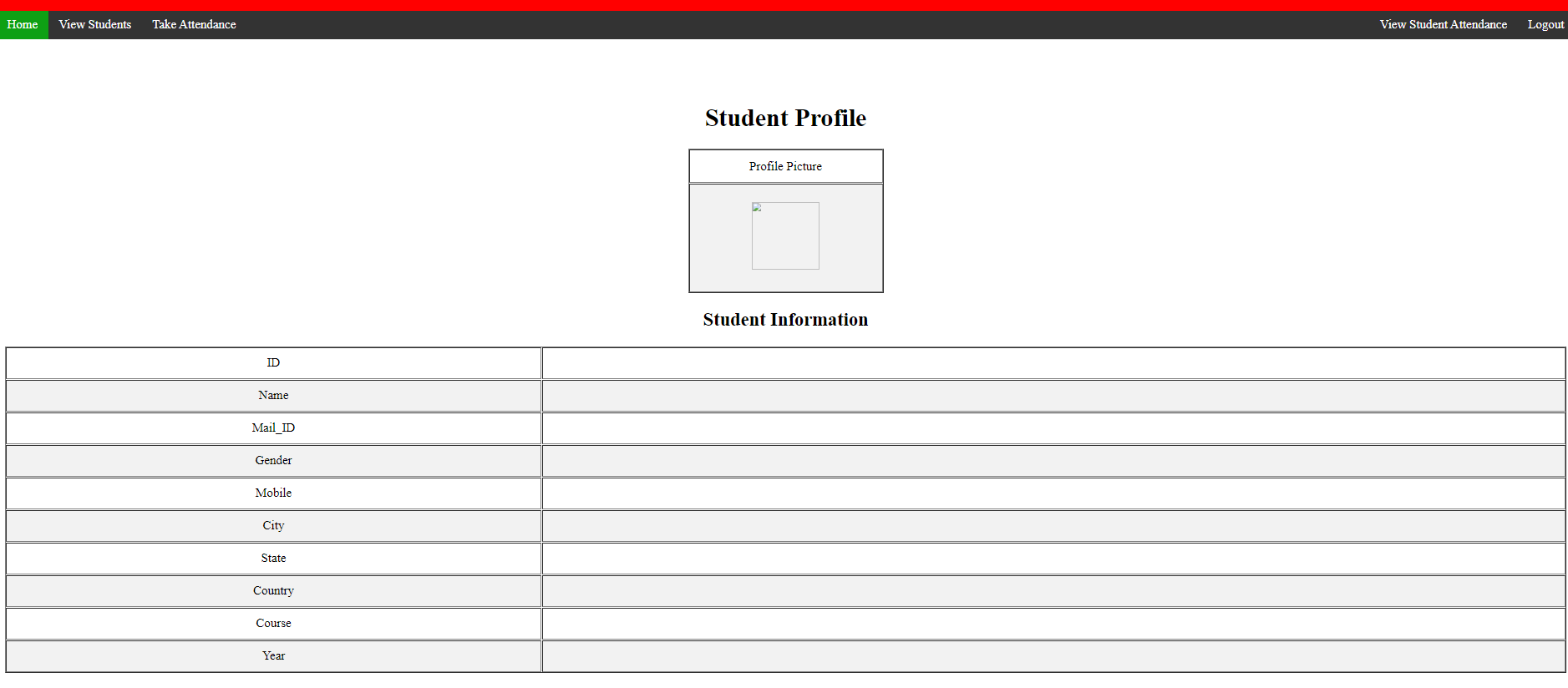
This ‘Delete’ link allows you to delete a student’s info from the database

This link allows you to view the student’s full profile

This button filters out all the values that don’t match the criteria in the searchbox

A textbox where you can search a particular student

# View Full Profile for Admin

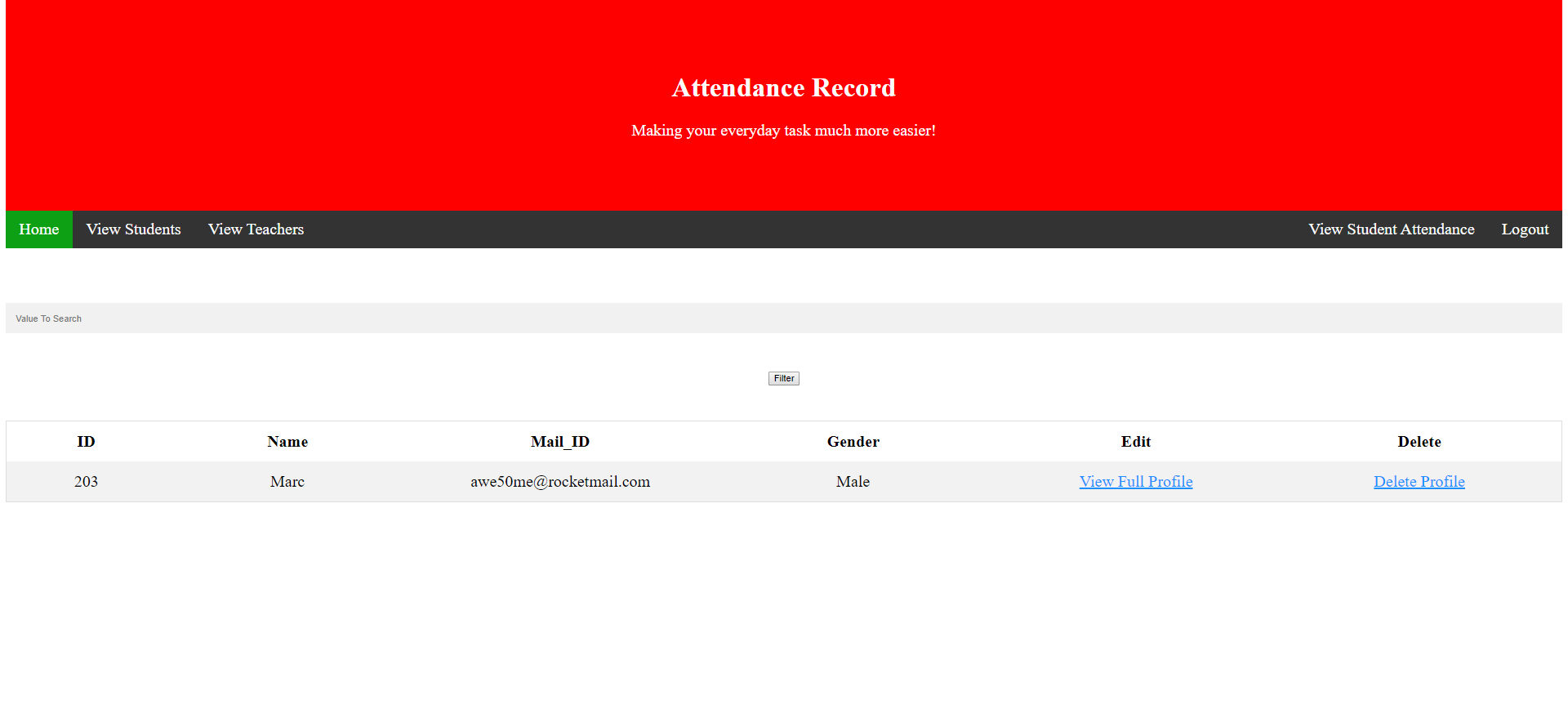


Student’s full information is displayed here like the ID, Name, Mail\_ID, Gender, Mobile, City, State, Country, Course and Year

This page is displayed if the user clicks on the ‘View Full Profile’ in the View Students page.

Student’s Profile Picture is displayed here.

# View Teachers for Admin



This deletes a teacher’s profile

This enables you to view the full profile of teachers

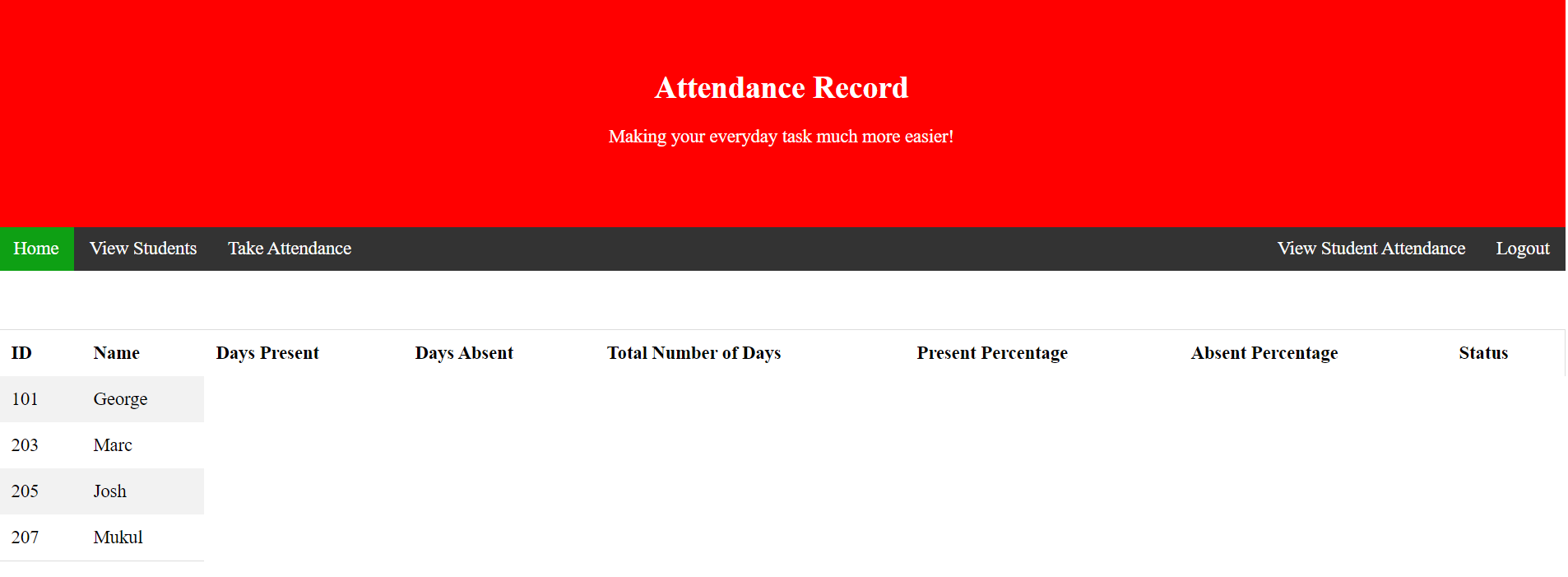
These are the records taken from the database

This button filters out the data displayed according to how you described the data in the search box

This is where you can type in words describing the info you’re looking for

# View Full Teacher Profile

# View Student Attendance for Admin

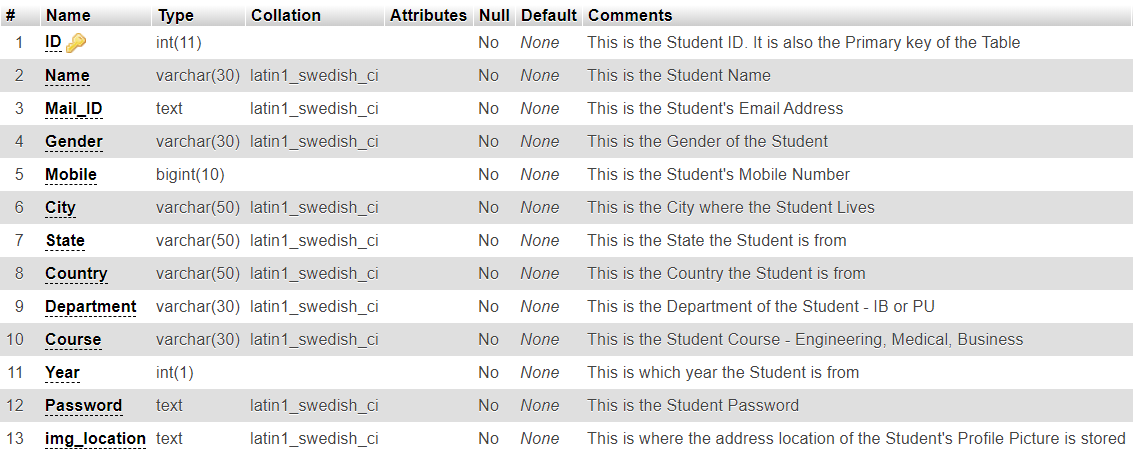


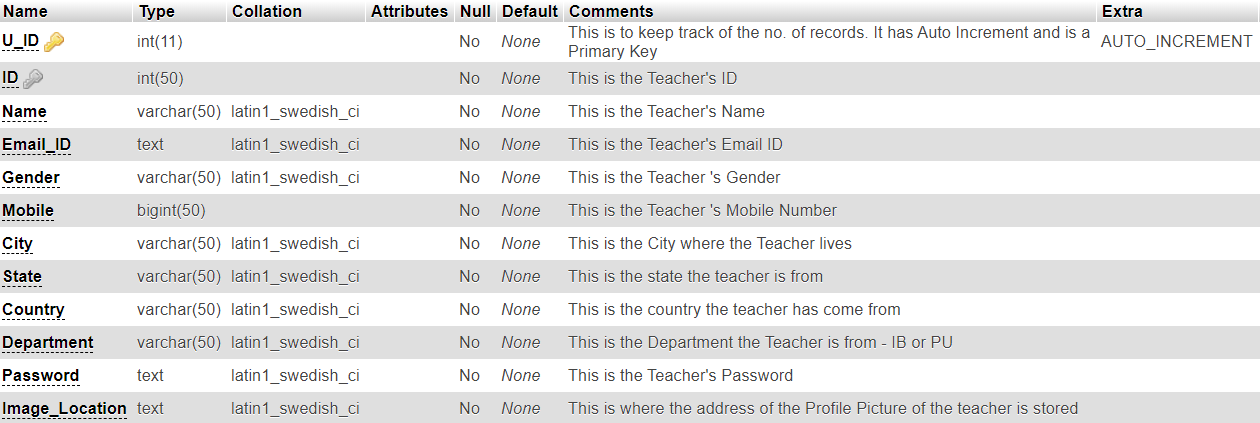
The user is directed to this page if he/she clicks on ‘View Student Attendance’

This page displays all the students along with their information such as ID, Name, Days Present, Days Absent, Total No. of Days, Present Percentage, Absent Percentage, and Status. This information is taken directly out of the database and displayed here.

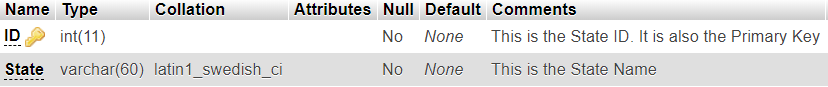
# Table Design

## This is the Table of the Student’s Information

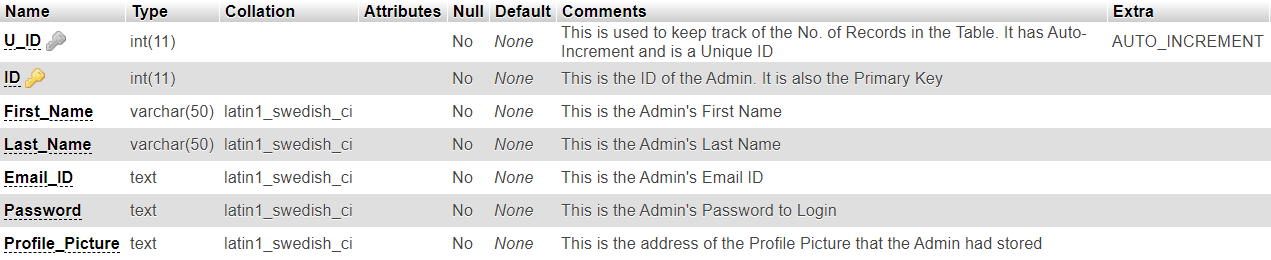


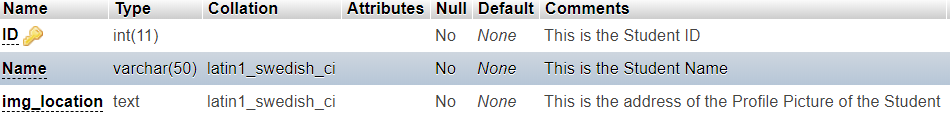
This is the Table of the Teacher’s Information

## This is the State Table. It is used to enter the State Names which will then display in the dropdown boxes that you will find in the Registration Forms of Students and Teachers

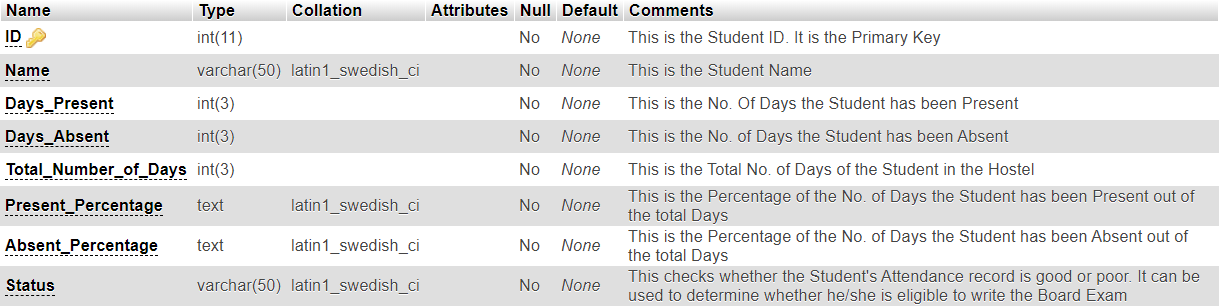


## This is the Admin Table



This is the img\_tbl. It is used to store the Profile Picture Information

This is the Student Attendance Table



## Test Plan

|  |  |
| --- | --- |
| **Success Criteria To Be Tested** | **Example** |
| **Linked to Success Criteria 1**  Administrator login test – to test whether the administrator is able to login to the system. | **Correct Data Input**  Admin Email ID: [pradeepparihar@gmail.com](mailto:pradeepparihar@gmail.com)  Password: hello  Click: Login → Login Successful message shown  **Incorrect Data Input**  Admin Email ID: [pradeepparihar@outlook.com](mailto:pradeepparihar@outlook.com)  Password: helloWorld  Click: Login → Login Unsuccessful message shown |
| **Linked to Success Criteria 2**  Employee login test – to test whether the employee is able to login to the system. | **Correct Data Input**  Employee Email ID: [rahulkumar@gmail.com](mailto:rahulkumar@gmail.com)  Password: rahul1234  Click: Login → Login Successful message shown  **Incorrect Data Input**  Employee Email ID: [rahulkumar@outlook.com](mailto:rahulkumar@outlook.com)  Password: rahul9876  Click: Login → Login Unsuccessful message shown |
| **Linked to Success Criteria 3**  Customer login test – to test whether the customer is able to login to the system. | **Correct Data Input**  Employee Email ID: [hriday@gmail.com](mailto:hriday@gmail.com)  Password: orange  Click: Login → Login Successful message shown  **Incorrect Data Input**  Employee Email ID: [hriday@outlook.com](mailto:hriday@outlook.com)  Password: mango  Click: Login → Login Unsuccessful message shown |
| **Linked to Success Criteria 4**  Test for new customer to sign up and to be added to the system. | **Correct Data Input**  Email: [puja@gmail.com](mailto:puja@gmail.com)  First Name: Puja  Last Name: Mehta  Password: grapes123  Confirm Password: grapes123  Address: 123 apple street, Khar West, Mumbai  Click: Create New Account And Login → confirm message displayed  **Incorrect Data Input**  Email: pujaATgmail.com  First Name: Puja  Last Name: Mehta  Password: grapes123  Confirm Password: grapes123  Address: 123 apple street, Khar West, Mumbai  Click: Create New Account And Login → error message displayed  **Validation Check** takes place at email id does not have “@” symbol |
| **Linked to Success Criteria 5**  Test to change the password for the administrator. Similar test can be done for employees on a similar page. | **Correct Data Input**  Old Password: hello  New Password: byebye  Confirm New Password: byebye  Click: Change Password → Password changes message shown  **Inorrect Data Input**  Old Password: hello  New Password: byebye  Confirm New Password: blybly  Click: Change Password → **Validation Check** runs and Error message is displayed saying passwords do not match. |
| **Linked to Success Criteria 6**  Test to see if customers can view and change their details. | Details will automatically be displayed upon page load  CustomerEmail, Cust Points and Cust Level cannot be changed  **Correct Data Input – Details can be changed however customer pleases**  First Name: xyz  Last Name: abc  Phone No: 9819933287  Address: 124 apple street, Khar West, Mumbai  Click: Update → Confirmatory message shown |
| **Linked to Success Criteria 7**  Test to see if admins can add items to the inventory. | I’m only showing the addition of General Goods – addition of medicines works in the exact same way:  **Data Input**  Item ID: Automatically Generated from Database  Item Name: Lays  Item Mfg Date: choose date from JDatePicker  Item Exp Date: choose date from JDatePicker  Item Price: 20  Item Str Req: Store at room temperature  Item Type: Choose Solid from combobox  Item Quantity: 32 |
| **Linked to Success Criteria 8**  Test to see if admins can edit items to the inventory. | I’m only showing the addition of General Goods – addition of medicines works in the exact same way:  **Data Input 1**  Item Name: Lays  Click: Search → rest of the records displayed automatically  **Data Input 2**  Change any of the fields according to the format shown in success criteria 8  Click: Update → confirmatory message is shown |
| **Linked to Success Criteria 9**  Test to see if any of the stakeholders can view the goods and medicines. | **Data Input**  Select General Goods from combo box  JTable is populated with records |
| **Linked to Success Criteria 10**  To test whether the search functionality of works. | **Data Input**  Search for a specific value from by typing in the textbox  JTable is automatically filtered according to the search query |
| **Linked to Success Criteria 11**  To test whether the admin can delete an item from the inventory. | **Data Input**  From MainViewPage click on the **Want to Delete Something** button while a record is selected on the JTable (this is the record that is to be deleted)  Then on AdminDeletePage – ID of Item/Medicine to be deleted is automatically loaded into the textbox  Click: Delete → Data Deleted message is shown |
| **Linked to Success Criteria 12 & 15**  To test whether the employee can take an order and then process it accordingly. To test if the points are added and customer level is updated accordingly. | **Data Input**  Find the required item/medicine in the same way as you would do on the main view page  Click on the item/medicine you want to purchase  Order Number: automatically generated from database  Home Delivery or In Store: choose 1  Customer Email: [hriday@gmail.com](mailto:hriday@gmail.com)  ID: automatically filled when value clicked in table  Name: automatically filled when value clicked in table  Available Quantity: automatically filled when value clicked in table  Selected Quantity: 10  Price of One Item: automatically filled when value clicked in table  Click: Add To Order → Item will be added to order and displayed in the Current Order JTable if Selected Quantity is lesser than the Available Quantity  Add as many items/medicines as you please  Click Process Order: Final amount Due Displayed in the textbox  Message Displayed about the number of points that have been added |
| **Linked to Success Criteria 13**  Test to see if the the employees can see which orders have been delivered and which are pending | **Data Input**  Select from combo box: delivered or pending  Click on value in the table  Order ID is automatically loaded  Change the Order Status from Delivered to Pending |
| **Linked to Success Criteria 14**  Test to see if the customers can view all of their past orders. | **Data Input**  The client email ID is already loaded  The JTable is populated with the clients past orders |