Student Information Registration and Browsing System

Objective

To build a website implementing database system to provide such a functionality where students can register bu their roll numbers, fill up their information and browse other students' profile. The registation and login system must be secure and sensitive information must not be opened to public.

Features

The web application has been successfully built and deployed. The following features has been ensured.

➕ User registration system
➡ Login using roll number and password
☰ Browse all students' information
🔍 Search students by any terms
✎ Edit own information
🚫 Delete own account if necessary
🔑 Change own account password
↪ Sign-out securely

Features Explained

➕ User Registration System

Students can register their account by providing their Roll Number, Name and a secure Password. The registation form generates alphanumeric password each time the page is loaded. Registering the same roll is not possible.

➜ Login Using Roll Number And Password

Each student can login by their name and password used to register. Login is provided by a uniqeuly generated token and cookie management.

➜ Login Get access student database

★ Roll Number

Enter your roll number

🔍 Password

Enter a password

Login

▤ Browse All Students' Information

Only logged in users can browse the list of registered students. Rolls and names of all registated students are shown in a table with hyperlinks that will take you to their profile.

▤ All Students Roll and Name of all students

▤ Roll	👤 Name
103001	Md. Minhazul Haque
103003	Md. Shakhawat Hossain
103005	Md. Golam Mostofa
103006	Abu Asif Khan Chowdhury

Q Search Students By Any Terms

Profiles can be searched using any term, ie name, phone number, address etc.

👤 View Own Information

Any student can view the following information.

1. Roll
2. Name
3. Birthdate
4. Email
5. Cell Number
6. Emergency Number
7. Hall Name
8. Room No
9. Address

👤 Md. Minhazul Haque Details

⭐ Roll	103001
👤 Name	Md. Minhazul Haque
📅 Birthdate	23-January-1994
✏️ Email	contact@minhazulhaque.com
▢ Cell number	01674770321
📞 Emergency number	01712258514
🏠 Hall name	Shahid Abdul Hamid Hall
🏷️ Room no	406
✉️ Address	House # 35/A Holding # 556/1 Ganakpara

✒️ Edit Own Information

Students can edit only own profile. Editing roll number is not allowed.

👤 Md. Minhazul Haque Edit details

⭐ Roll

103001

👤 Name

Md. Minhazul Haque

📅 Birthdate

1994-01-23

✏️ Email

contact@minhazulhaque.com

▢ Cell number

01674770321

⊘ Delete own account if necessary

Any student can delete own account for data liberation. He/she has to confirm account deletion. After deletion, his/her record will be deleted from the database permanenetly.

⚷ Change own account password

Account passwords can be changed if necessary.

➡ Sign-out securely

Clicking logout will end the session and destroy all temporary data used to validate credentials.

Technical Information

The web application has been build using object-oriented **PHP**. Designs has been deployed using **Bootstrap** and **Font-awesome** framework. Database engine is supported by **MySQL**. **jQuery** is used to provide better user interface. The whole project is deployed using moduler PHP files. The project tree is

root@server: tree /use/share/www
```
├── alerts.php
├── all.php
├── change.php
├── config.php
├── css
│   ├── bootstrap.css
│   ├── datepicker.css
│   ├── fa.css
│   └── style.css
├── db.php
├── delete.php
├── details.php
├── edit.php
├── favicon.ico
├── fonts
│   └── fontawesome.woff
├── footer.php
├── forms.php
├── header.php
├── img
│   └── csebuilding.jpg
├── include.php
├── index.php
├── js
│   ├── bootstrap.js
│   └── jquery.js
├── login.php
├── logout.php
├── navbar.php
├── password.php
├── register.php
├── search.php
└── verify.php
```

Future Plans

Our future plan is to improve the application into a universal and more versatile CMS so any group of students can use it for easier information sharing perpose.