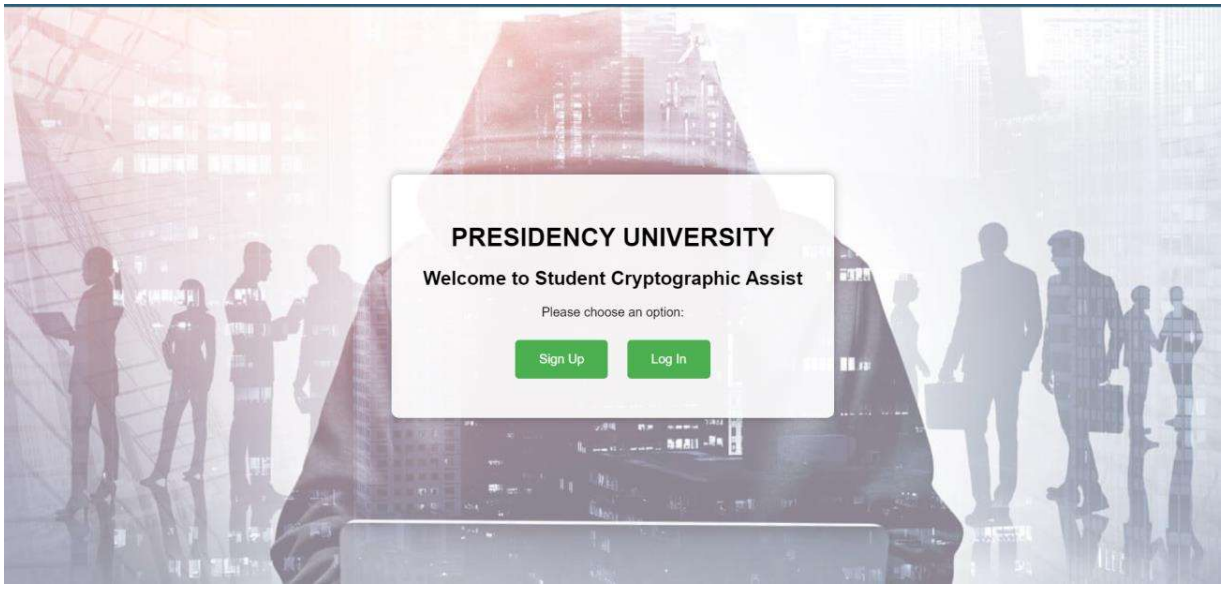
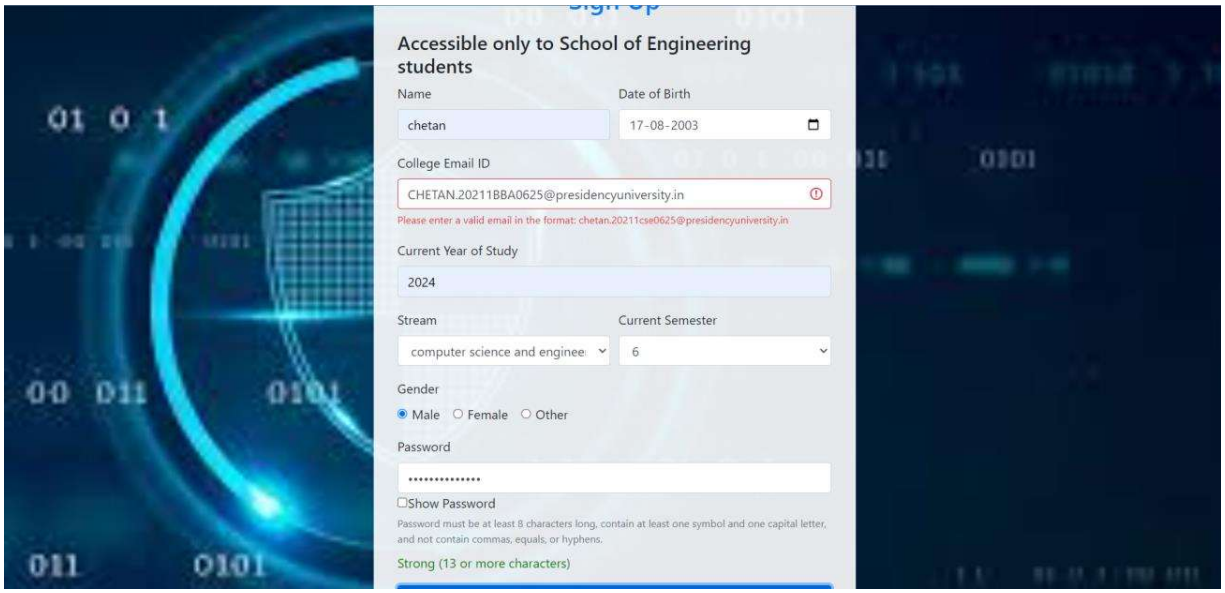
4. RESULTS WITH SCREENSHOT

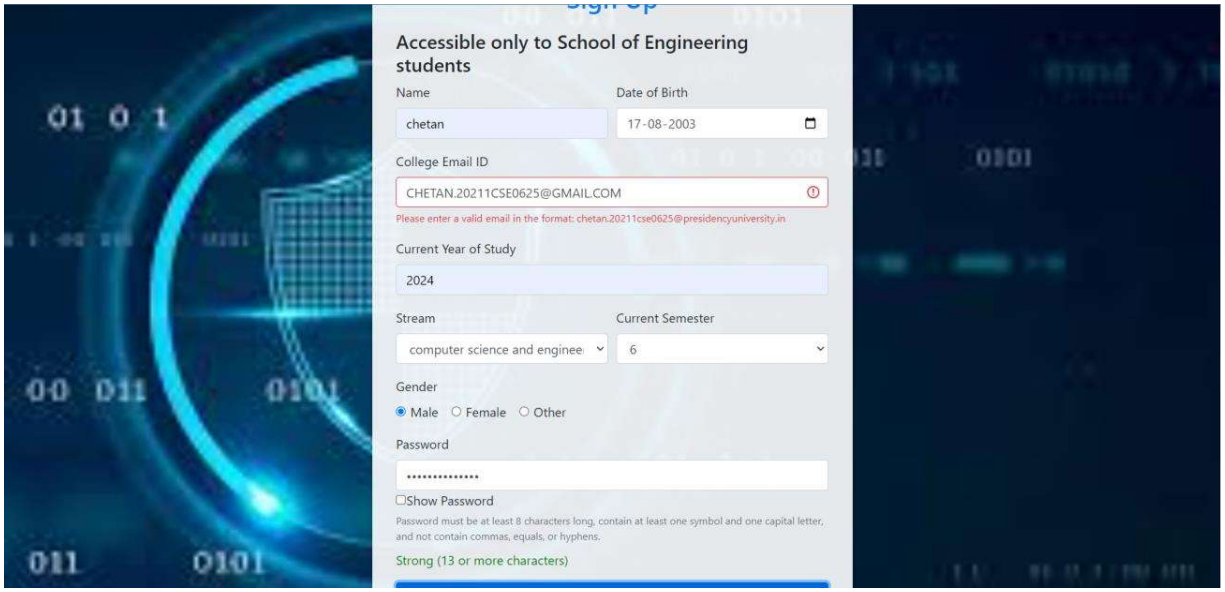
Index page with sign up and login



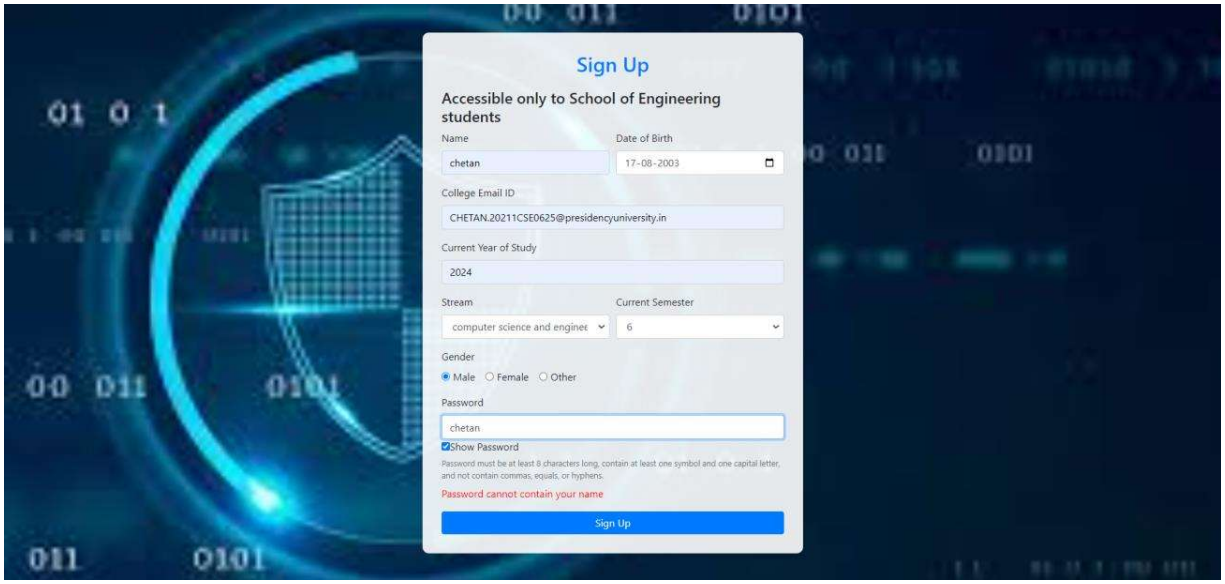
Sign up page with all the cases of signing a user into database

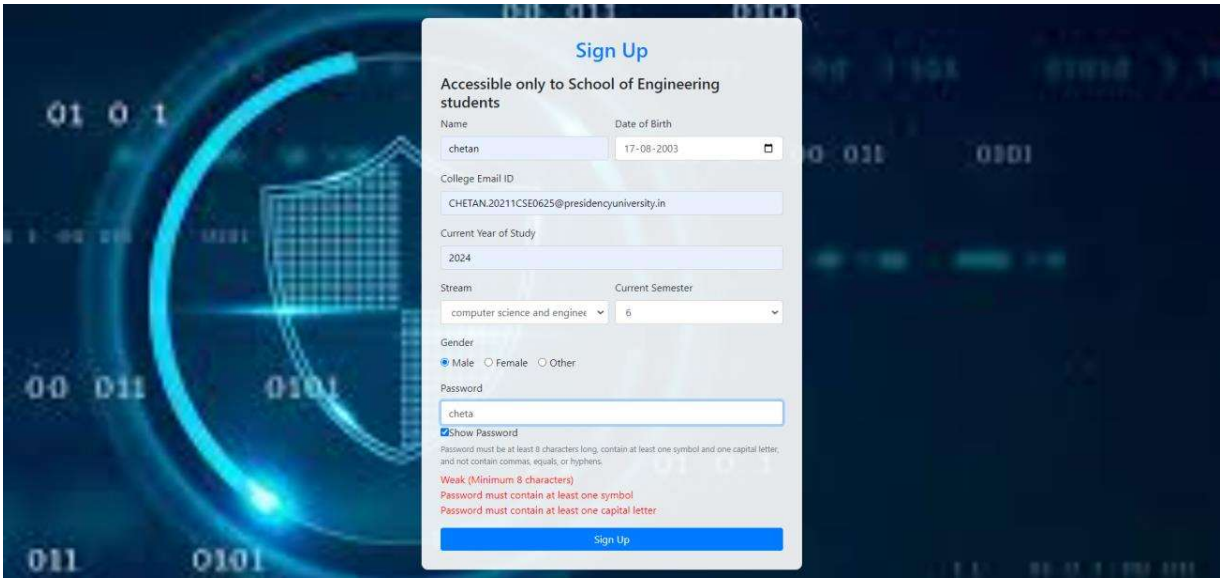
*a valid student email address of presidency university

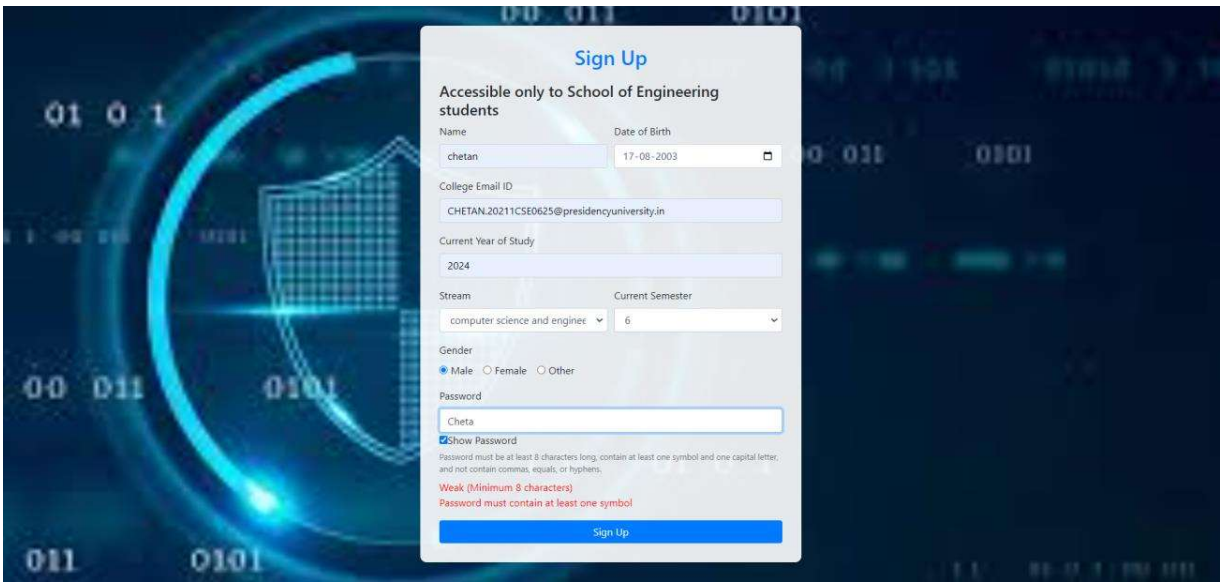


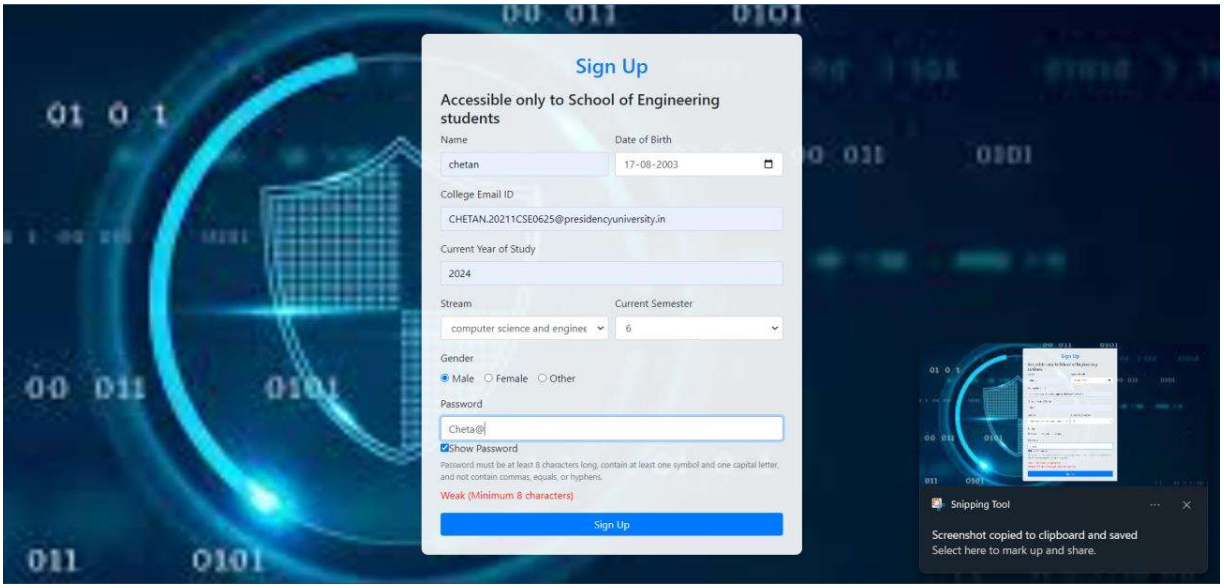


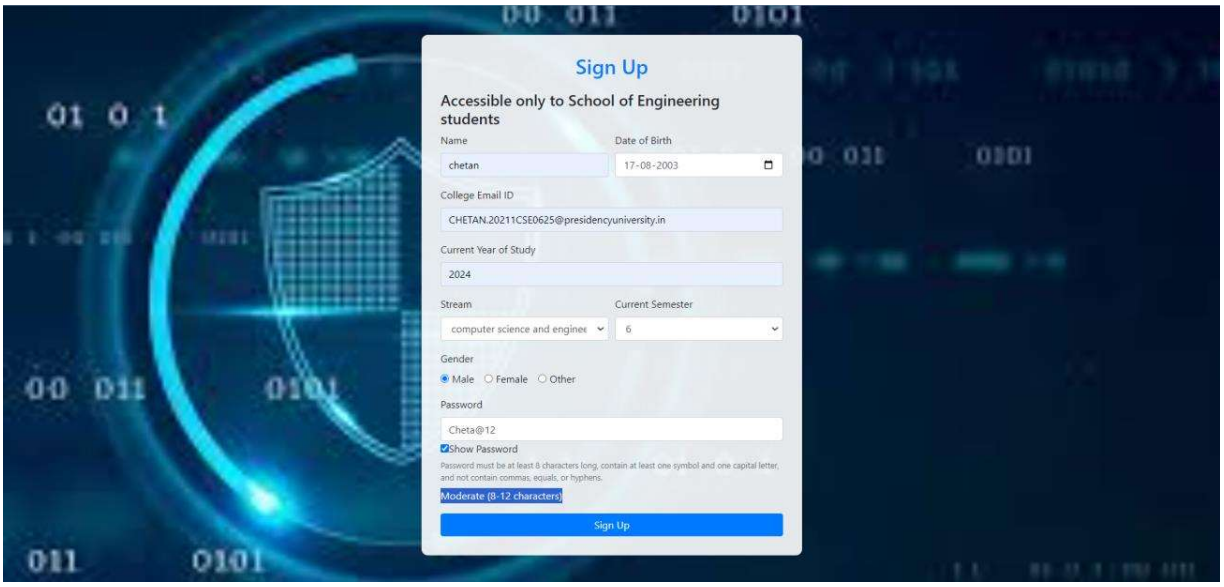
Cases on entering a valid and strong password

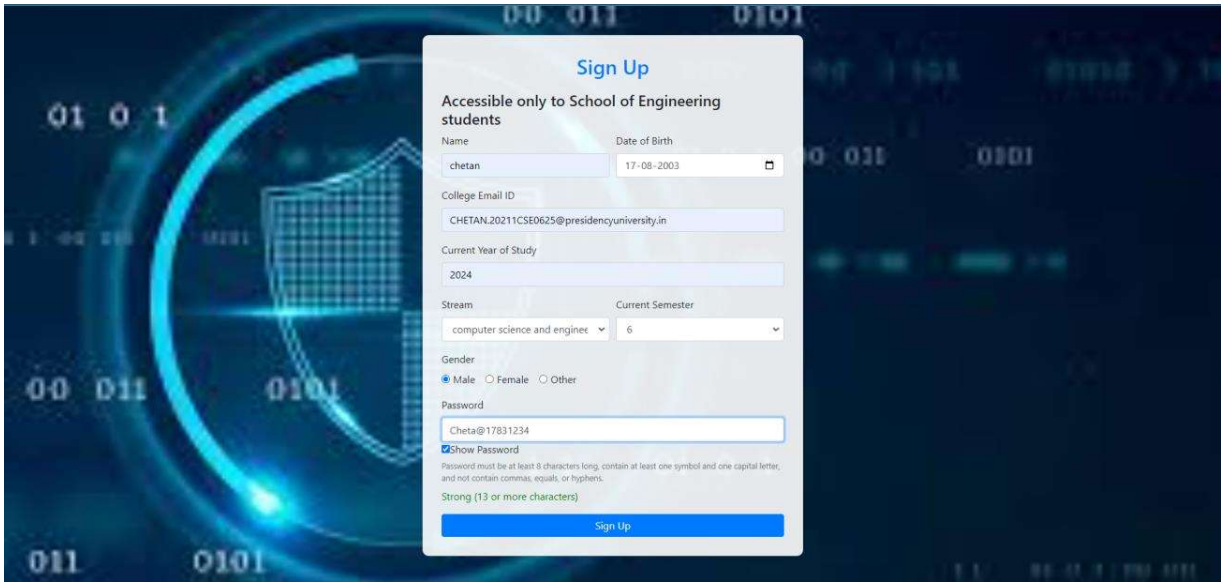



Sign Up
Accessible only to School of Engineering students
Name
chetan
Date of Birth
17-08-2003
College Email ID
CHETAN.20211CSE0625@presidencyuniversity.in
Current Year of Study
2024
Stream
computer science and enginee
Current Semester
6
Gender
Male
Female
Other
Password
cheta
Show Password
Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.
Weak (Minimum 8 characters)
Password must contain at least one symbol
Password must contain at least one capital letter
Sign Up


Sign Up
Accessible only to School of Engineering students
Name
chetan
Date of Birth
17-08-2003
College Email ID
CHETAN.20211CSE0625@presidencyuniversity.in
Current Year of Study
2024
Stream
computer science and enginee
Current Semester
6
Gender
Male
Female
Other
Password
Cheta
Show Password
Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.
Weak (Minimum 8 characters)
Password must contain at least one symbol
Sign Up


Sign Up
Accessible only to School of Engineering students
Name
chetan
Date of Birth
17-08-2003
College Email ID
CHETAN.20211CSE0625@presidencyuniversity.in
Current Year of Study
2024
Stream
computer science and engineering
Current Semester
6
Gender
Male
Female
Other
Password
Cheta@
Show Password
Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.
Weak (Minimum 8 characters)
Sign Up
Snipping Tool
Screenshot copied to clipboard and saved
Select here to mark up and share.


Sign Up
Accessible only to School of Engineering students
Name
chetan
Date of Birth
17-08-2003
College Email ID
CHETAN.20211CSE0625@presidencyuniversity.in
Current Year of Study
2024
Stream
computer science and engineering
Current Semester
6
Gender
Male
Female
Other
Password
Cheta@12
Show Password
Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.
Moderate (8-12 characters)
Sign Up



Successful sign in page that redirects to login page

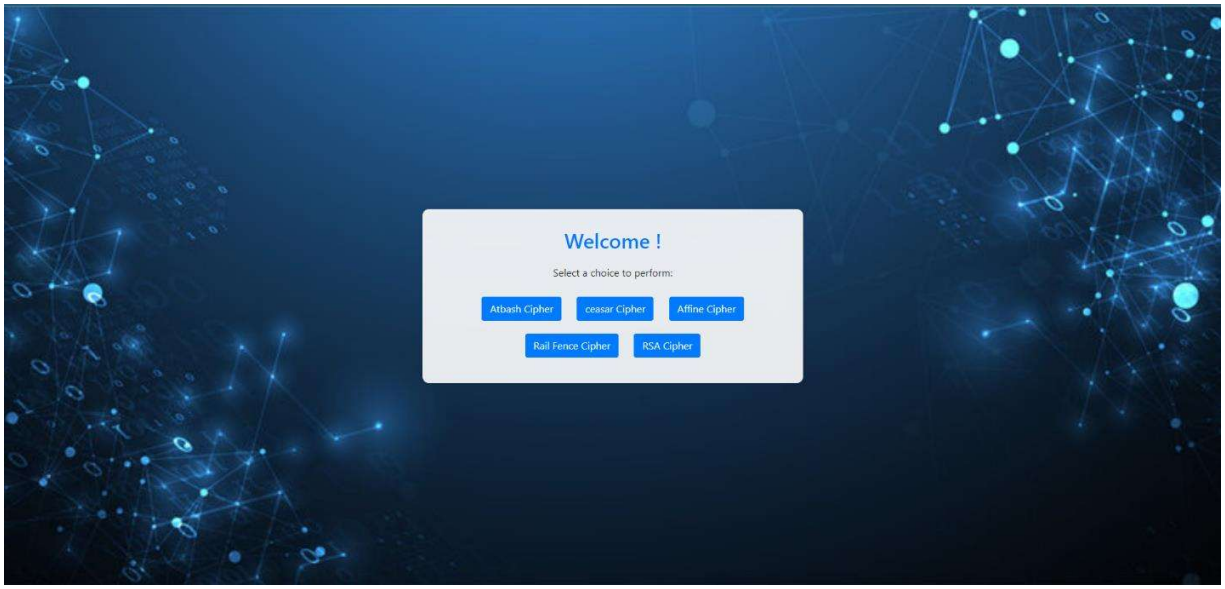
Proof of user successfully registered in the database

```
mysql> use cy_sec;
Database changed
mysql> show tables;
+------------------+
| Tables_in_cy_sec |
+------------------+
| details          |
+------------------+
1 row in set (0.05 sec)

mysql> desc details;
+----------+--------------+------+-----+---------+-------+
| Field    | Type         | Null | Key | Default | Extra |
+----------+--------------+------+-----+---------+-------+
| name     | varchar(30)  | NO   |     | NULL    |       |
| dob      | varchar(10)  | NO   |     | NULL    |       |
| email    | varchar(255) | NO   | PRI | NULL    |       |
| year     | varchar(4)   | NO   |     | NULL    |       |
| stream   | varchar(20)  | NO   |     | NULL    |       |
| semester | varchar(2)   | NO   |     | NULL    |       |
| gender   | varchar(10)  | NO   |     | NULL    |       |
| password | varchar(30)  | NO   |     | NULL    |       |
+----------+--------------+------+-----+---------+-------+
8 rows in set (0.01 sec)

mysql> select * from details;
Empty set (0.04 sec)

mysql>
```

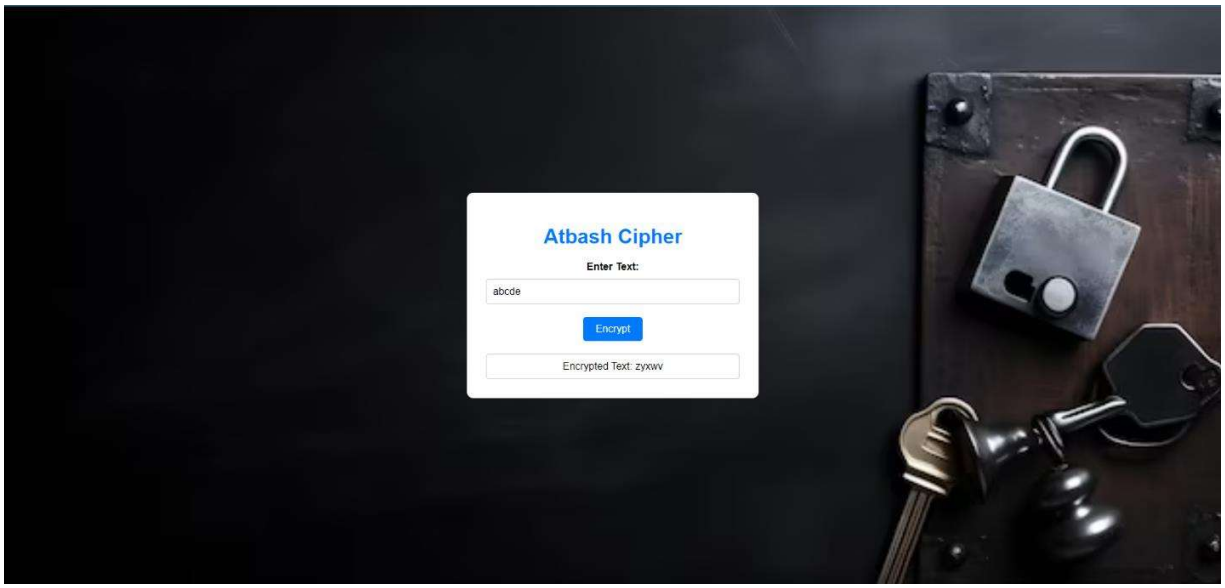
```
mysql> use cy_sec;
Database changed
mysql> show tables;
+------------------+
| Tables_in_cy_sec |
+------------------+
| details          |
+------------------+
1 row in set (0.05 sec)

mysql> desc details;
+----------+--------------+------+-----+---------+-------+
| Field    | Type         | Null | Key | Default | Extra |
+----------+--------------+------+-----+---------+-------+
| name     | varchar(30)  | NO   |     | NULL    |       |
| dob      | varchar(10)  | NO   |     | NULL    |       |
| email    | varchar(255) | NO   | PRI | NULL    |       |
| year     | varchar(4)   | NO   |     | NULL    |       |
| stream   | varchar(20)  | NO   |     | NULL    |       |
| semester | varchar(2)   | NO   |     | NULL    |       |
| gender   | varchar(10)  | NO   |     | NULL    |       |
| password | varchar(30)  | NO   |     | NULL    |       |
+----------+--------------+------+-----+---------+-------+
8 rows in set (0.01 sec)

mysql> select * from details;
Empty set (0.04 sec)

mysql> select * from details;
+--------+------------+-----------------------------------------+------+--------+----------+--------+----------------+
| name   | dob        | email                                   | year | stream | semester | gender | password       |
+--------+------------+-----------------------------------------+------+--------+----------+--------+----------------+
| chetan | 2003-08-17 | CHETAN.20211CSE0625@presidencyuniversity.in | 2024 | CSE    | 6        | male   | Cheta@17831234 |
+--------+------------+-----------------------------------------+------+--------+----------+--------+----------------+
1 row in set (0.04 sec)
mysql>
```

Login page where user can log in with only its own credentials and not with others

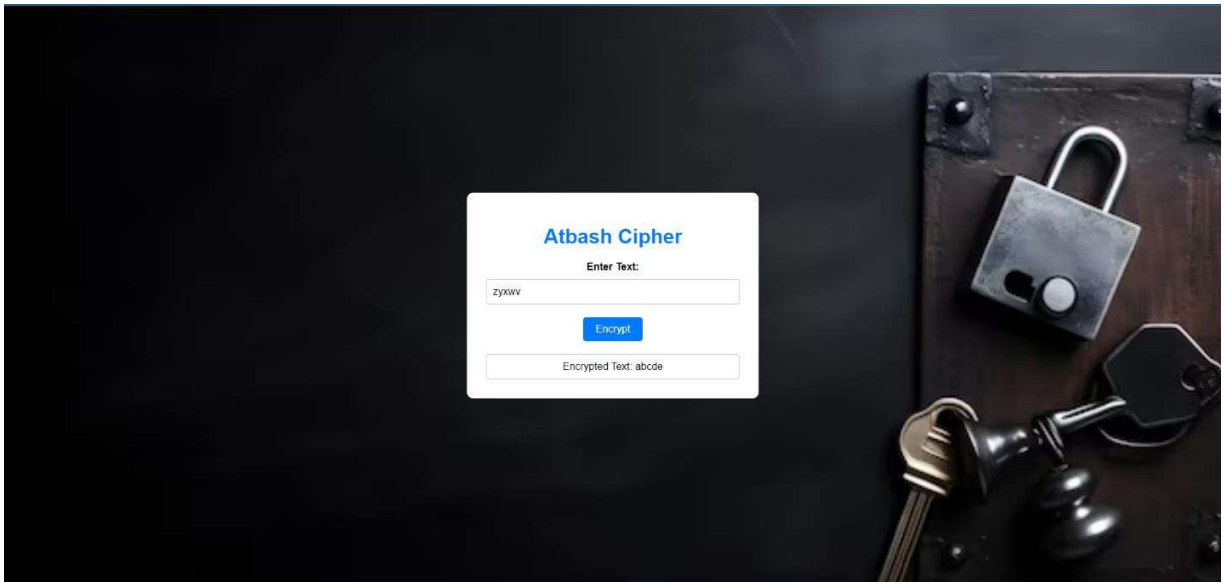
Home page with options to perform respective ciphers



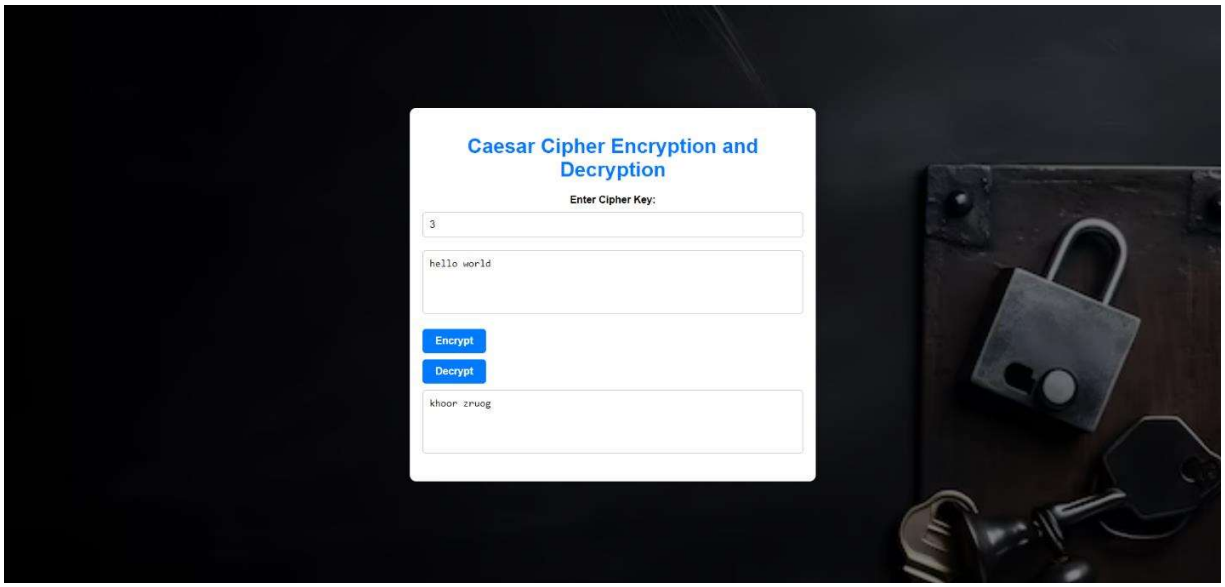
Atbash encrypt



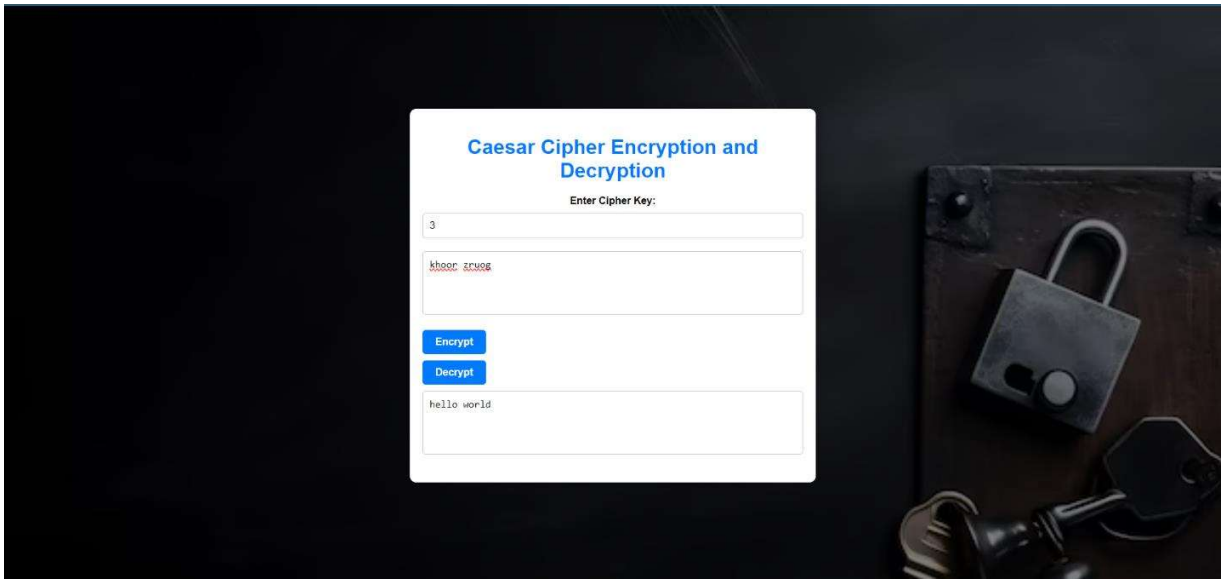
Atbash decrypt



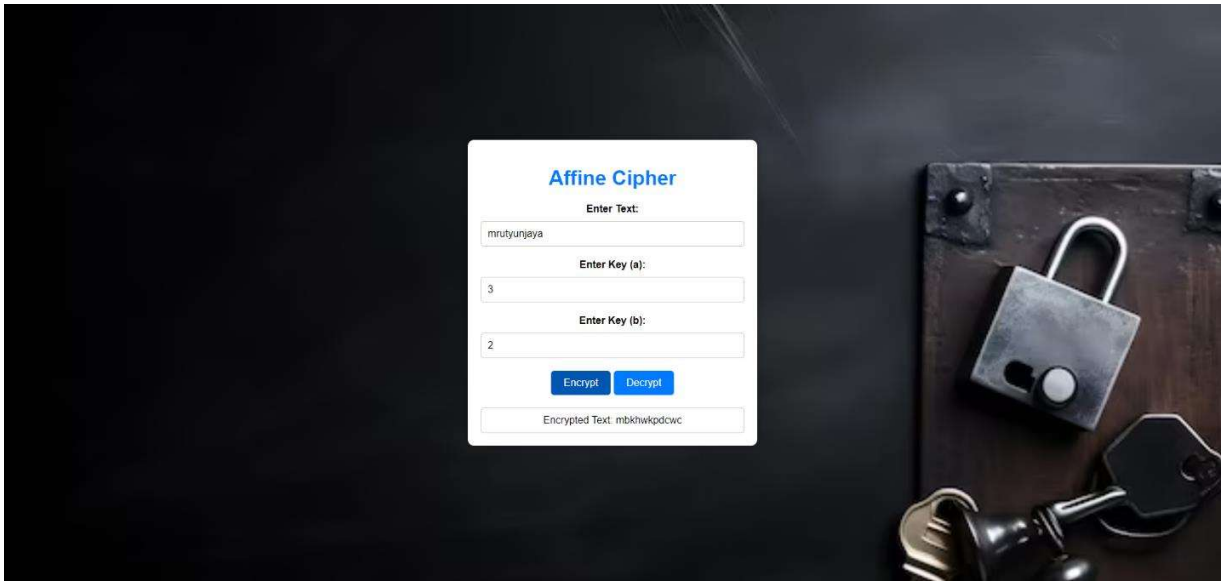
ceasar encrypt



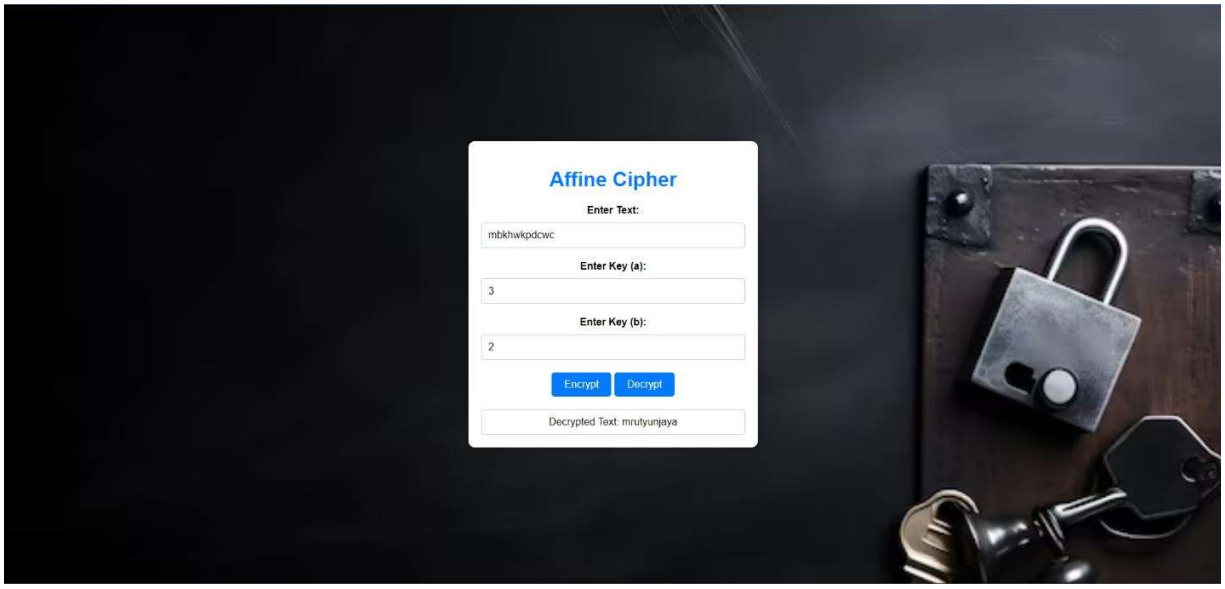
ceasar decrypt



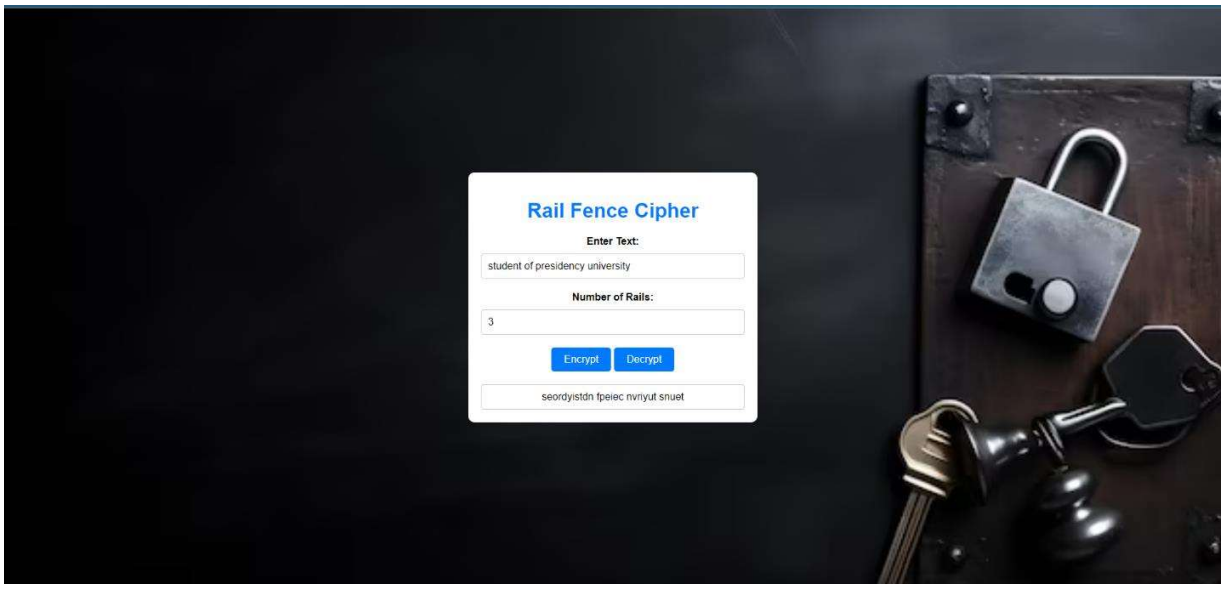
Affine encrypt



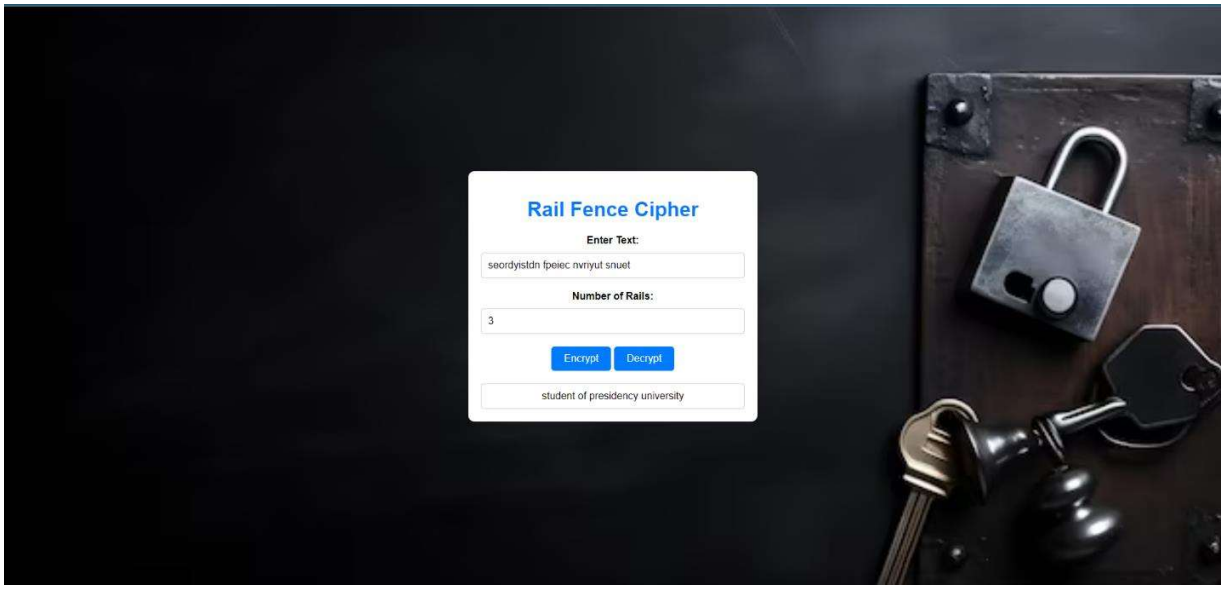
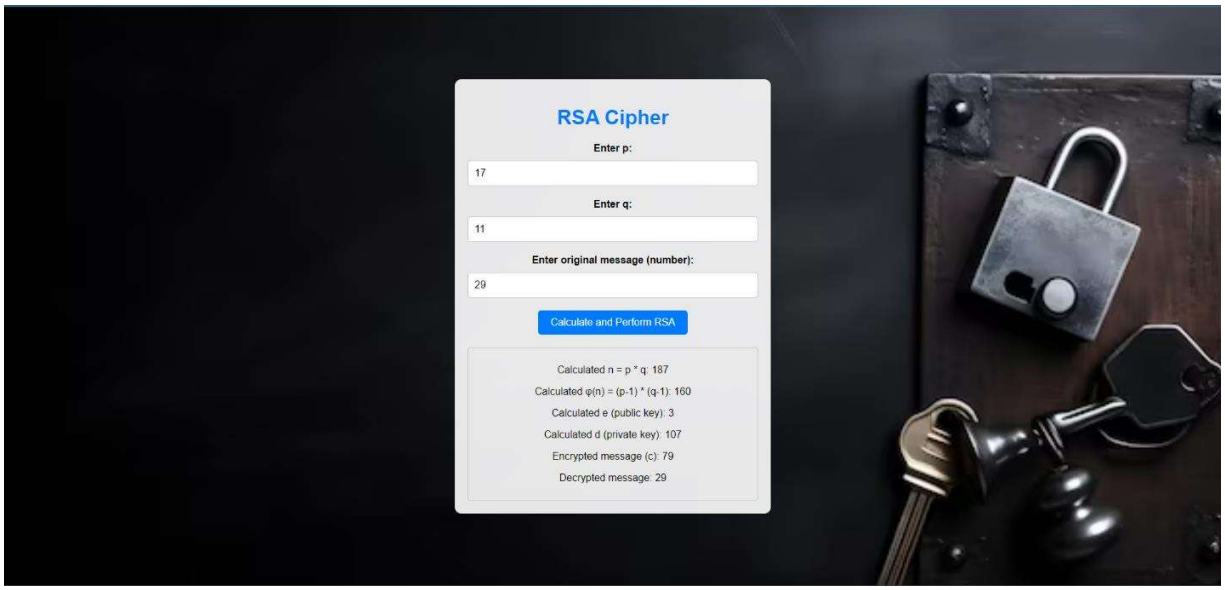
Affine decrypt



Railfence encrypt



Railfence decrypt



RSA encrypt and decrypt (performed within the code)