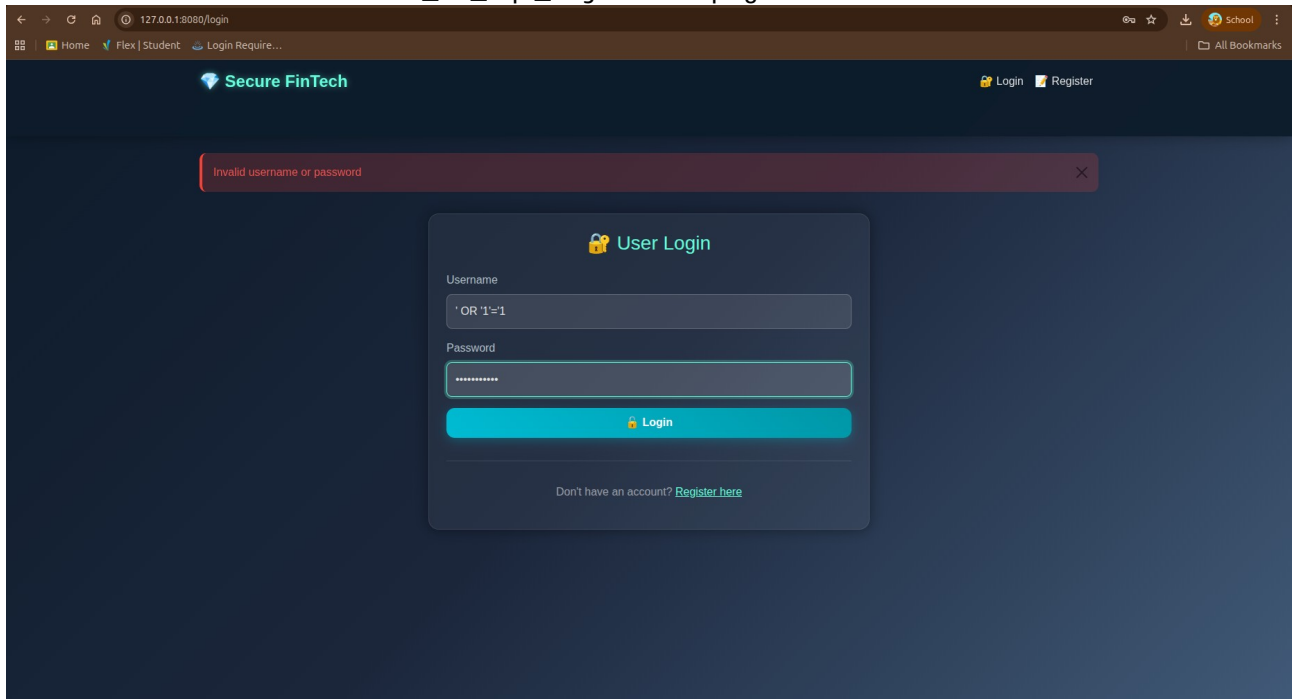
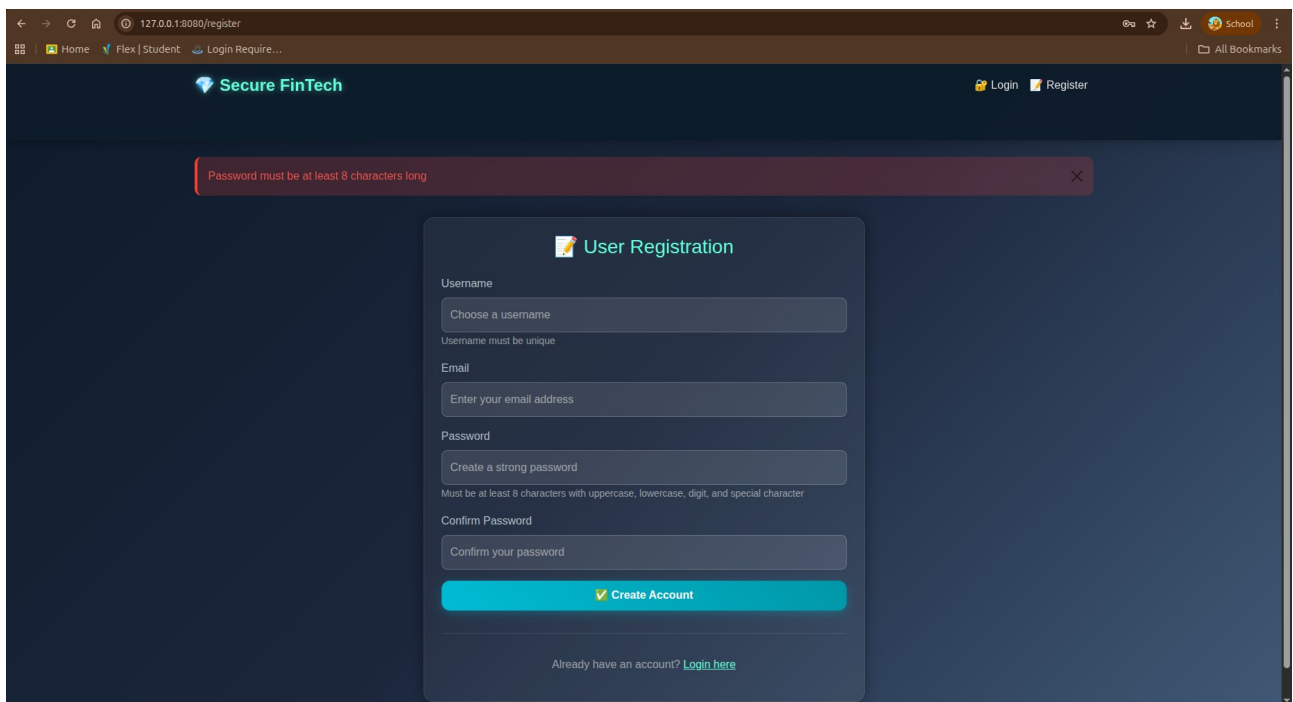


Test Case 1: SQL Injection Prevention

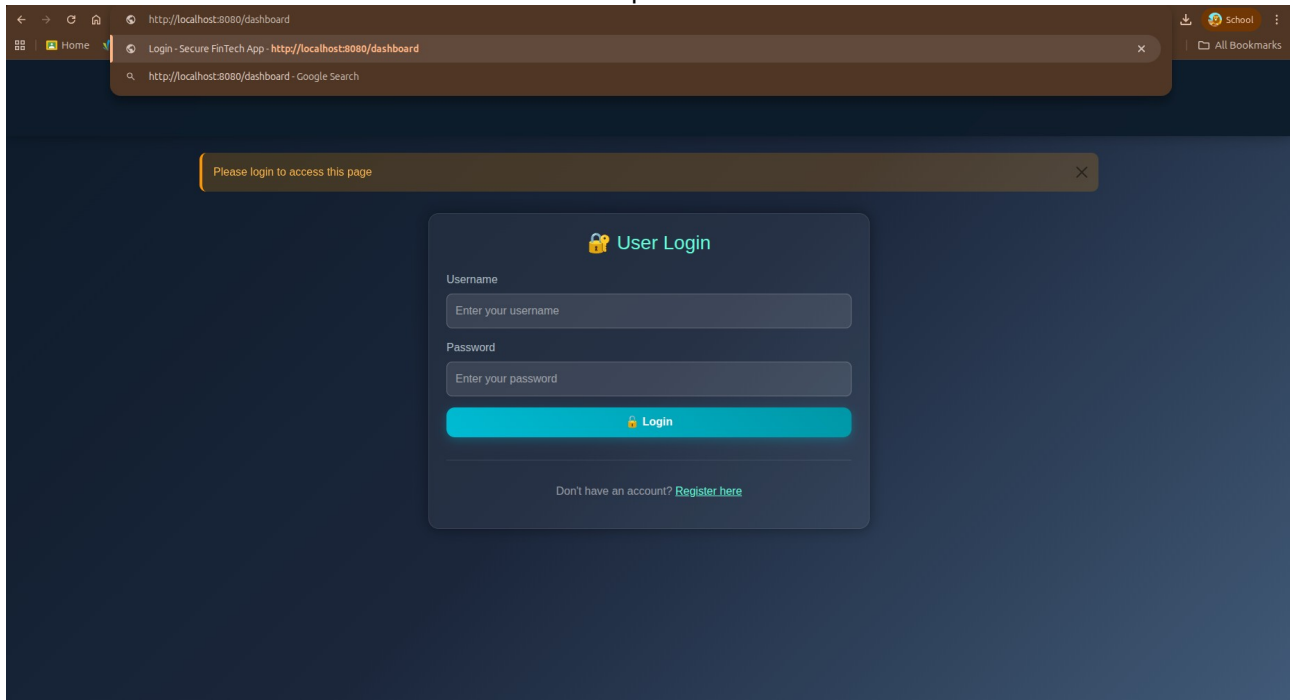
Screenshot Name: `test_01_sql_injection.png`



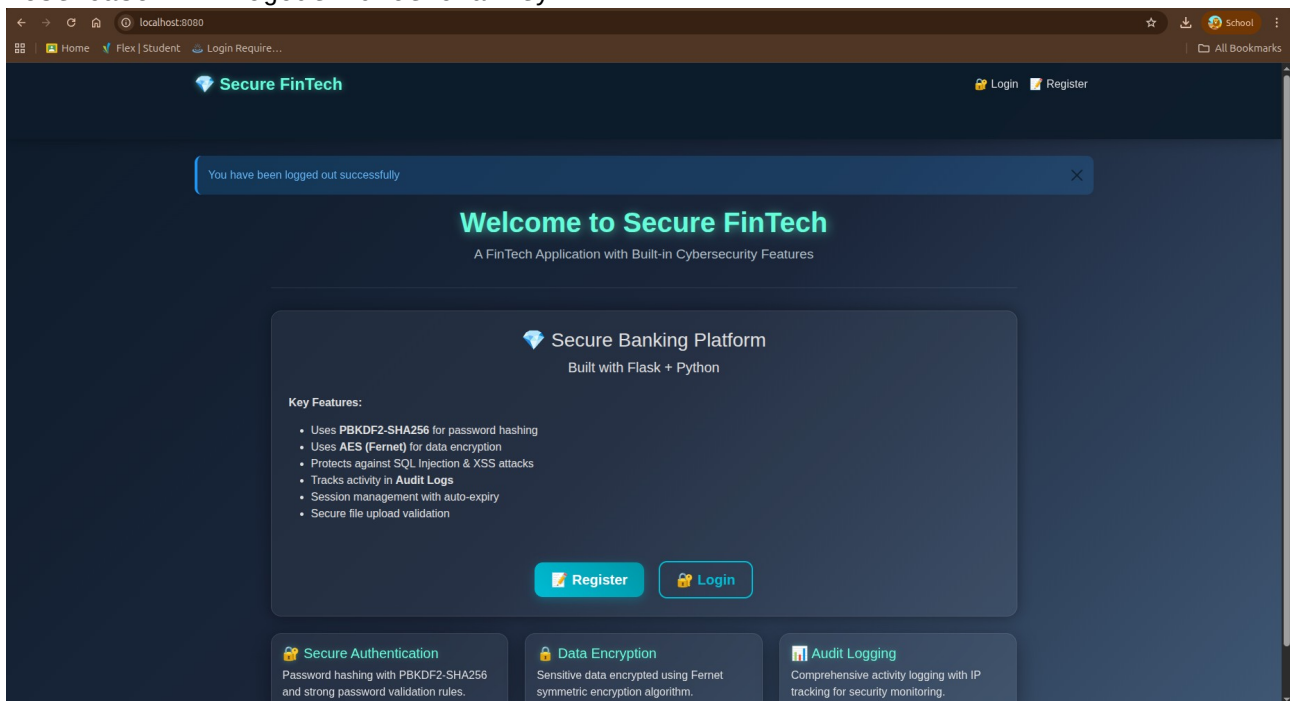
Test Case 2: Password Strength Validation (Weak Password)



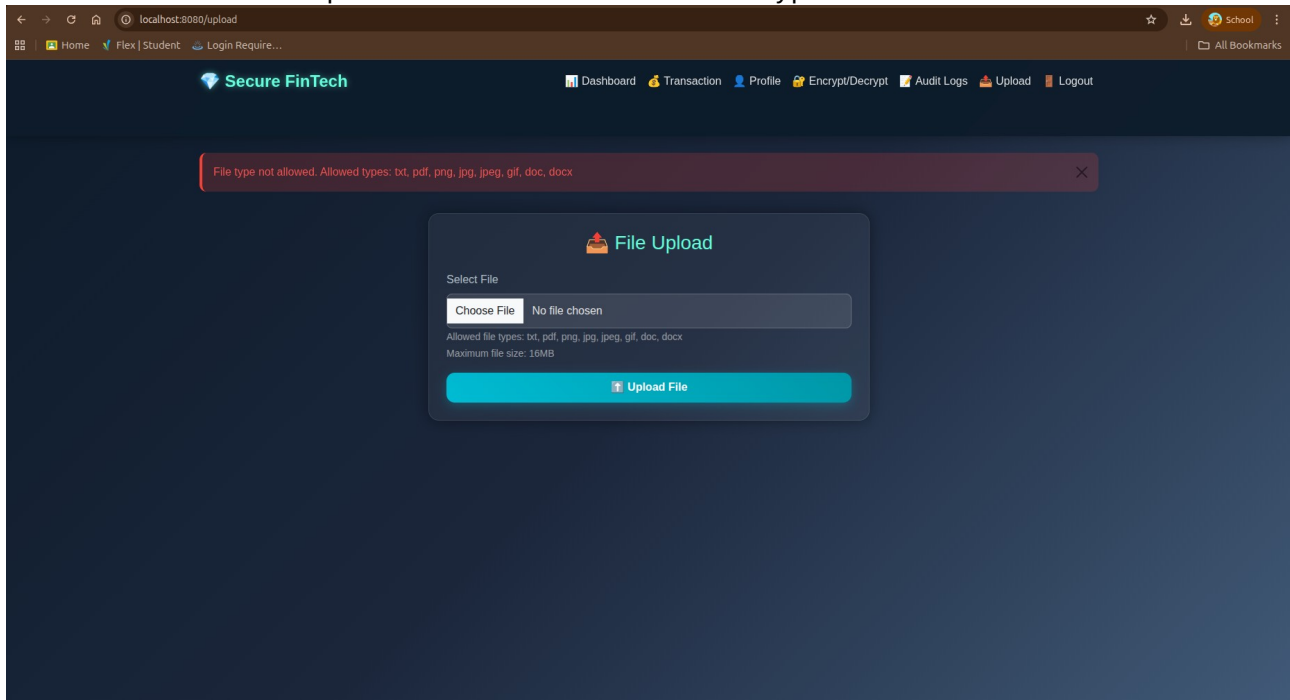
Test Case 3 : Unauthorized Access Attempt



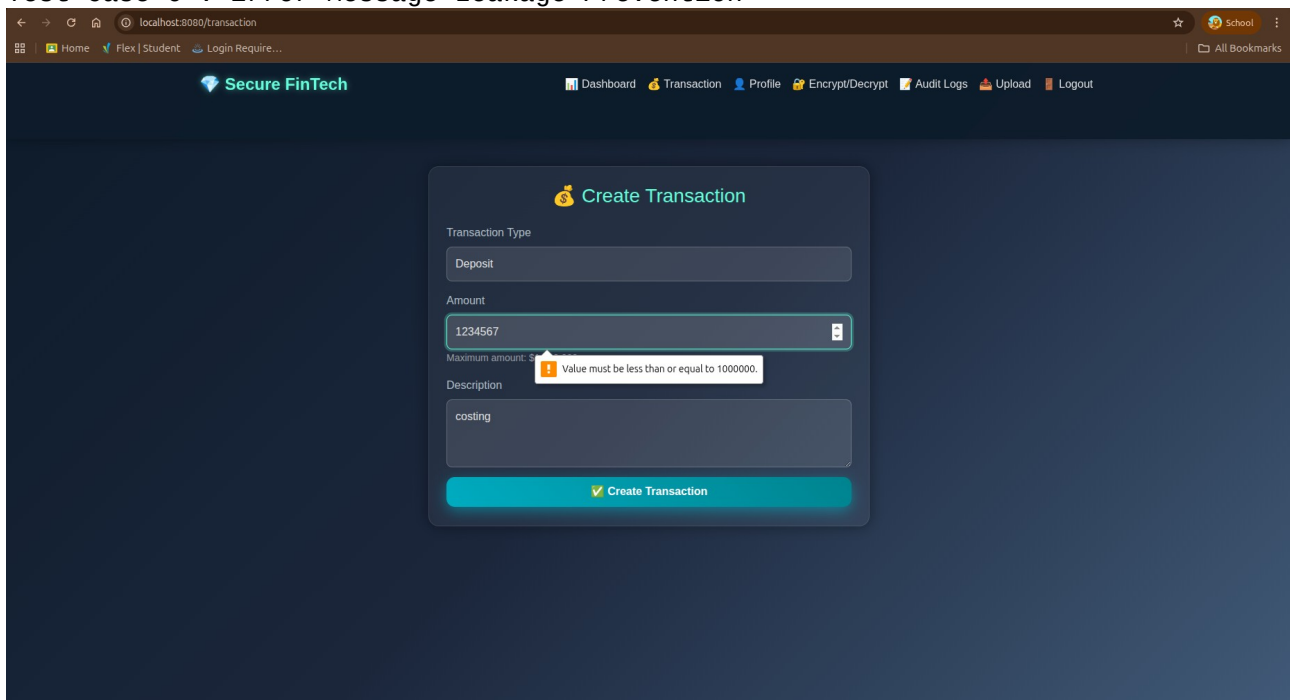
Test Case 4 : Logout Functionality



Test Case 5 : File Upload Validation - Invalid Type



Test Case 6 : Error Message Leakage Prevention



Test Case 7: Input Length Validation

Secure FinTech

Dashboard Transaction Profile Encrypt/Decrypt Audit Logs Upload Logout

Create Transaction

Transaction Type

Deposit

Amount

123

Maximum amount: \$1,000,000

Description

transfer from the user and the assistant and the assistant's role (only when the assistant needs to be corrected), guiding the assistant through complex reasoning to either successfully complete the task or gracefully handle the inability

Create Transaction

Test Case 8: Duplicate User Registration

Secure FinTech

Login Register

Username already exists

User Registration

Username

Choose a username

Username must be unique

Email

Enter your email address

Password

Create a strong password

Must be at least 8 characters with uppercase, lowercase, digit, and special character

Confirm Password

Confirm your password

Create Account

Already have an account? [Login here](#)

Test Case 9 : Number Field Validation

Secure FinTech

Dashboard Transaction Profile Encrypt/Decrypt Audit Logs Upload Logout

Create Transaction

Transaction Type

Deposit

Amount

0.06

Maximum amount: \$1,000,000

Description

Enter transaction description

Create Transaction

Test Case 10: Password Match Validation

Secure FinTech

Login Register

Passwords do not match

User Registration

Username

Choose a username

Username must be unique

Email

Enter your email address

Password

Create a strong password

Must be at least 8 characters with uppercase, lowercase, digit, and special character

Confirm Password

Confirm your password

Create Account

Already have an account? [Login here](#)

Test Case 11: Email Validation

Secure FinTech

Login Register

User Registration

Username

user123

Username must be unique

Email

muneeb123@

Password

Please enter a part following '@'. 'muneeb123@' is incomplete.

Must be at least 8 characters with uppercase, lowercase, digit, and special character

Confirm Password

Create Account

Already have an account? [Login here](#)

Test Case 12: Login Attempt Lockout

Secure FinTech

Login Register

Account temporarily locked due to too many failed attempts

User Login

Username

Enter your username

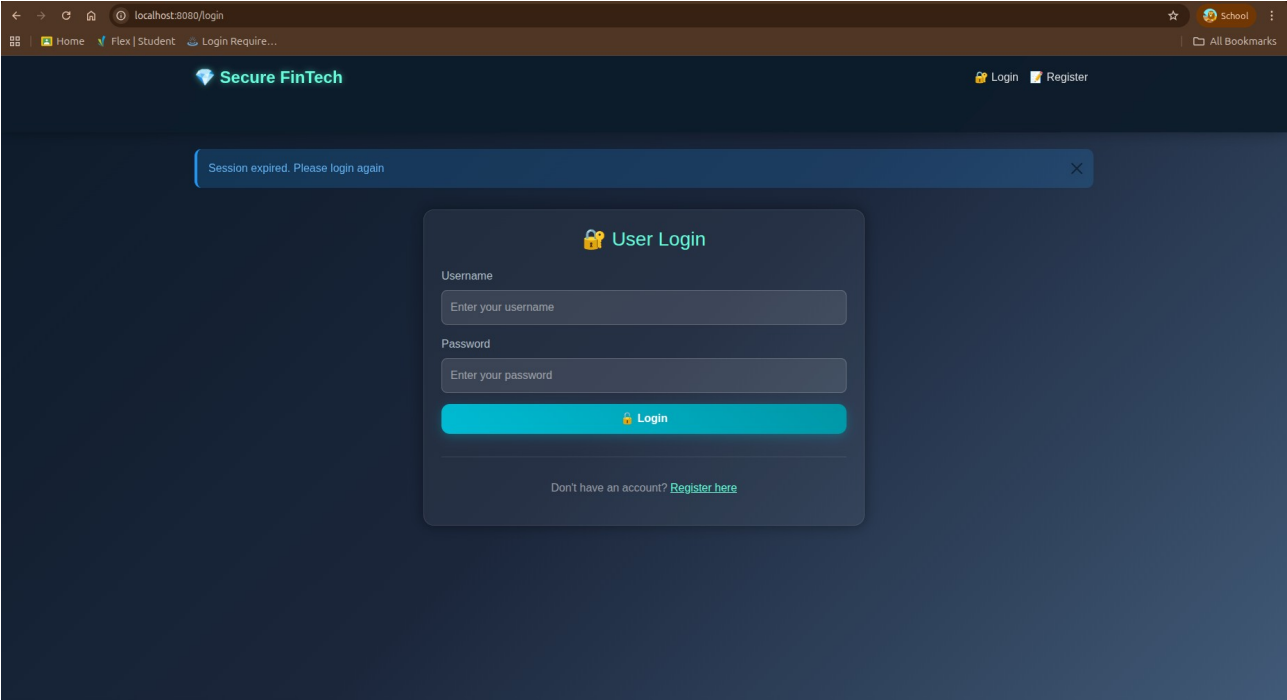
Password

Enter your password

Login

Don't have an account? [Register here](#)

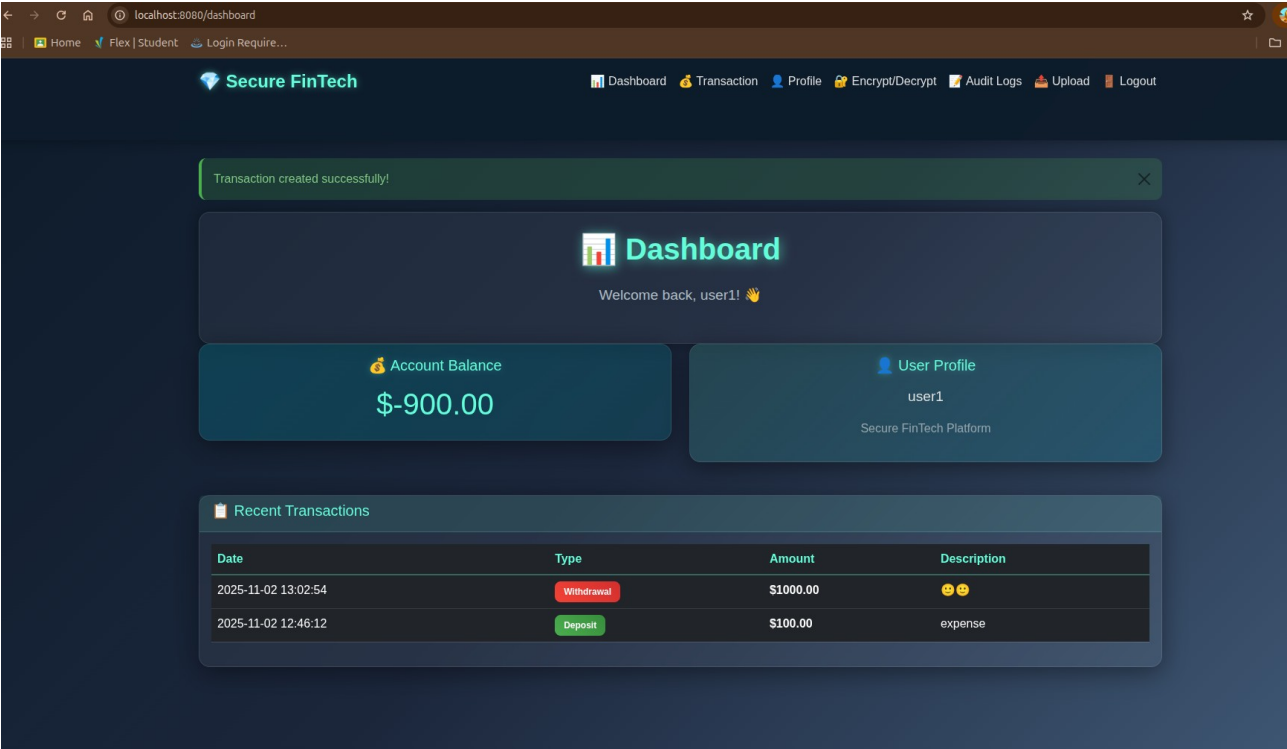
Test Case 13 : Session Expiry Test



Test Case 14: Encrypted Data Storage

user_profiles		CREATE TABLE user_profiles (id INTEGER PRIMARY KEY AUTOI
id	INTEGER	"id" INTEGER
user_id	INTEGER	"user_id" INTEGER NOT NULL UNIQUE
full_name_encrypted	TEXT	"full_name_encrypted" TEXT
phone_encrypted	TEXT	"phone_encrypted" TEXT
address_encrypted	TEXT	"address_encrypted" TEXT
updated_at	TIMESTAMP	"updated_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP

Test Case 15: Unicode/Emoji Input Handling



Test Case 16: Empty Field Validation

Secure FinTech

Login Register

User Registration

Username

user12

Username must be unique

Email

Enter your email address

Password

Must be at least 8 characters with uppercase, lowercase, digit, and special character

Confirm Password

Create Account

Already have an account? [Login here](#)

Test Case 17 : Password Requirement - Uppercase Missing

Secure FinTech

Login Register

Password must contain at least one uppercase letter

User Registration

Username

Choose a username

Username must be unique

Email

Enter your email address

Password

Create a strong password

Must be at least 8 characters with uppercase, lowercase, digit, and special character

Confirm Password

Confirm your password

Create Account

Already have an account? [Login here](#)

Test Case 18 : Password Requirement - Lowercase Missing

The screenshot shows a web browser at localhost:8080/register. The page has a dark blue header with the 'Secure FinTech' logo and 'Login' and 'Register' links. A red error message at the top states 'Password must contain at least one lowercase letter'. The 'User Registration' form includes fields for Username, Email, Password, and Confirm Password, each with a placeholder and a validation message. The Password field message is 'Must be at least 8 characters with uppercase, lowercase, digit, and special character'. A 'Create Account' button is at the bottom of the form, and a 'Login here' link is below it.

Secure FinTech

Login Register

Password must contain at least one lowercase letter

User Registration

Username

Choose a username

Username must be unique

Email

Enter your email address

Password

Create a strong password

Must be at least 8 characters with uppercase, lowercase, digit, and special character

Confirm Password

Confirm your password

Create Account

Already have an account? [Login here](#)

Test Case 19: Password Requirement - Digit Missing

The screenshot shows the same web browser at localhost:8080/register. The page has the same dark blue header with the 'Secure FinTech' logo and 'Login' and 'Register' links. A red error message at the top states 'Password must contain at least one digit'. The 'User Registration' form is identical to the one in the previous screenshot, with the same fields and validation messages. The 'Create Account' button and 'Login here' link are also present.

Secure FinTech

Login Register

Password must contain at least one digit

User Registration

Username

Choose a username

Username must be unique

Email

Enter your email address

Password

Create a strong password

Must be at least 8 characters with uppercase, lowercase, digit, and special character

Confirm Password

Confirm your password

Create Account

Already have an account? [Login here](#)

Test Case 20: File Size Limit Validation

