

```
from app.models import User
from app import bcrypt
```

```
# Hash a password
hashed_pw = bcrypt.generate_password_hash("adminpass").decode('utf-8')
```

```
# Create a user object
user = User(username='admin', email='admin@example.com', password=hashed_pw)
```

```
# Add to the database
db.session.add(user)
db.session.commit()
```

Username: `admin` / `notadmin`

Email: `admin@example.com`

Password: `adminpass` (hashed) / `notadmin`

<http://localhost:5000/login>

The screenshot shows the login page of a web application. At the top, there is a dark navigation bar with the links "Home" and "Login". Below the navigation bar, the word "Login" is displayed on the left. In the center, there is a white login form with two input fields: "Email" and "Password". Below the "Password" field is a "Login" button. At the bottom left of the page, there is a copyright notice: "© Jamison • Secure Portfolio".

The screenshot shows the home page of the web application after logging in as "admin". At the top, there is a dark navigation bar with the links "Home" and "Logout". Below the navigation bar, the heading "Welcome to Jamison's Secure Portfolio" is displayed. Underneath the heading, it says "Logged in as **admin**." and "This site was built with Flask and secured using best practices like hashed passwords, CSRF protection, and defense against common web vulnerabilities." At the bottom left, there is a copyright notice: "© Jamison • Secure Portfolio".

The screenshot shows the home page of the web application when not logged in. At the top, there is a dark navigation bar with the links "Home", "Login", and "Register". Below the navigation bar, the heading "Welcome to Jamison's Secure Portfolio" is displayed. Underneath the heading, it says "You are not logged in." and "This site was built with Flask and secured using best practices like hashed passwords, CSRF protection, and defense against common web vulnerabilities." At the bottom left, there is a copyright notice: "© Jamison • Secure Portfolio".

[Home](#) [Logout](#)

Welcome to Jamison's Secure Portfolio

Logged in as **notadmin**.

This site was built with Flask and secured using best practices like hashed passwords, CSRF protection, and defense against common web vulnerabilities.

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[Home](#) [Dashboard](#) [Logout](#)

Logged in successfully!

Welcome to Jamison's Secure Portfolio

Logged in as **admin**.

This site was built with Flask and secured using best practices like hashed passwords, CSRF protection, and defense against common web vulnerabilities.

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[Home](#) [Dashboard](#) [Logout](#)

Welcome, Admin

You have access to the secure admin dashboard.

- [Manage Projects \(Coming Soon\)](#)
- [View Activity Logs \(Coming Soon\)](#)
- [Site Configuration \(Coming Soon\)](#)

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My Projects

Test Project

to test "Add New Project"




Project updated successfully!

Manage Projects

Test Project *Updated*

to edit "Add New Project"



 [Edit](#) |  [Delete](#)

Security Logs

```
[2025-04-16 14:14:32,613] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:32] "[B[36mGET /static/style.css HTTP/1.1B[0m" 304 -
[2025-04-16 14:14:44,682] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:44] "GET /dashboard HTTP/1.1" 200 -
[2025-04-16 14:14:44,769] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:44] "[B[36mGET /static/style.css HTTP/1.1B[0m" 304 -
[2025-04-16 14:14:48,651] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:48] "GET /admin/projects HTTP/1.1" 200 -
[2025-04-16 14:14:48,953] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:48] "[B[36mGET /static/style.css HTTP/1.1B[0m" 304 -
[2025-04-16 14:14:52,014] INFO: Admin admin@example.com deleted project ID 2
[2025-04-16 14:14:52,015] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:52] "[B[32mGET /admin/projects/delete/2 HTTP/1.1B[0m" 302 -
[2025-04-16 14:14:52,323] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:52] "GET /admin/projects HTTP/1.1" 200 -
[2025-04-16 14:14:52,651] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:52] "[B[36mGET /static/style.css HTTP/1.1B[0m" 304 -
[2025-04-16 14:14:54,804] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:54] "GET /projects HTTP/1.1" 200 -
[2025-04-16 14:14:54,879] INFO: 127.0.0.1 - - [16/Apr/2025 14:14:54] "[B[36mGET /static/style.css HTTP/1.1B[0m" 304 -
[2025-04-16 14:30:12,565] INFO: B[31mB[1mWARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.B[0m
* Running on http://127.0.0.1:5000
[2025-04-16 14:30:12,565] INFO: B[33mPress CTRL+C to quitB[0m
[2025-04-16 14:30:12,566] INFO: * Restarting with stat
[2025-04-16 14:30:12,876] WARNING: * Debugger is active!
[2025-04-16 14:30:12,878] INFO: * Debugger PIN: 141-073-717
```