

# Project Status Update - SecureCalc (Flask Web Application)

## Completed Components:

- Developed and integrated all required Flask modules:
  - `__init__.py`: Application factory setup
  - `simpleArithmeticFunctions.py`: Core arithmetic logic
  - `auth.py`: Handles user authentication and registration
  - `views.py`: Manages route rendering and logic
  - `models.py`: Defines database schema and ORM interactions
  - `main.py`: Runs the Flask development server and initializes the app
- Created and tested 4 HTML templates:
  - `landing.html`: Public landing page
  - `home.html`: User dashboard for calculations
  - `result.html`: Displays results of arithmetic operations
  - `register_user.html`: User registration interface
- Configured and connected a SQLite database for storing user credentials and data.

## Remaining Tasks:

- Implement a logout route to handle user sign-out.
- Add a "Back to Home" route for easier navigation between views.

Once these final routes are in place, the core functionality of SecureCalc will be complete and ready for deployment or testing.