

Name:

Reg No:

Date:

Create a simple Flask web application that includes the following:

1. Setup: Install Flask and create an `app.py` file. Initialise Flask in this file.
2. Homepage: Design a basic homepage using HTML and Bootstrap. Place this HTML file in the `templates` folder.
3. Signup Page: Create a signup page with a form for username and password input. Validate the form data using `request.form`.
4. Database Integration: Set up a MySQL database with a table `tbl_user` to store user information (username and password). Connect Flask to MySQL.
5. Password Security: Implement password hashing before storing user credentials in the database.

Submission: Provide your `app.py` code, the `index.html` and `signup.html` files, and the MySQL table creation script.