

Windows Forms Application Authentication System

Description:

In this task, students will create an authentication system using Windows Forms Application. The system will have three pages (Forms) which are Log In, Sign Up, and Dashboard. The Log In form will allow the user to enter their username and password to log in to the system. The Sign Up form lets the user create a new account by giving their username, password, and full name. The Dashboard form will display the user's information after successful authentication.

Students will store the user information in a text file. Each user's information will be stored on a separate line with the following format:

username, password, full name

To complete this task, students will use git (version control). They will create a repository named "SWE4302_studentID" and create a branch for this task. The task folder will be inside the designated branch. There should be at least five commits in the designated branch. Finally, students will merge the newly created branch with the main branch.

Task Steps:

- ☐ Create a Windows Forms Application project in Visual Studio.
- ☐ Create three Forms named Log In, Sign Up, and Dashboard.
- ☐ Implement the Log In form, which will allow the user to enter their username and password.
- ☐ Implement the Sign Up form, which will allow the user to create a new account.
- ☐ Implement the Dashboard form, which will display the user's information after successful authentication.
- ☐ Store the user information in a text file with the format: username, password, full name
- ☐ Use git to create a repository named "SWE4302_StudentID".
- ☐ Create a branch for this task inside the repository.
- ☐ Create the task folder inside the designated branch.
- ☐ Make at least five commits inside the designated branch.
- ☐ Merge the created branch with the main branch.

Deliverables:

- ☐ Windows Forms Application project containing three Forms (Log In, Sign Up, and Dashboard).
- ☐ User information text file.
- ☐ Git repository named "studentID_SWE4302_sessional" with at least five commits.
- ☐ Merged the main branch and the newly created branch.