BattleBuddies

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Description

- BattleBuddies is a website/app designed to help Veterans get re-connected with others that they may have served with in the past.

- The system will show the logged in user other Veterans that have entered in the same base assignment as he/she, and the user can then narrow down the list by looking at Enlistment and Exit dates.

- The system is secure in and of itself, as contact information will only be shown when BOTH users have consented by clicking the "YES" button on their "Matches" page.

Features

- Simple user Interface and automatic queries when routing to 'Matches' page.

- Secure by default – Users cannot view the information of others until a match on both sides has been confirmed.

- Sorting of matches relevant to Base Assignment(s)

Planning - User Stories

- As a user I can register, login and view my Matches and Friends list.

- As an older user, I do not have to search everytime for new Matches, the system does it for me.

- As a concerned user, my contact information will not be visible to other users until I have confirmed that I want to speak with them and they with me.

- As a user who may not remember names well, Ican see a picture of the user I am trying to connect with.

Planning - Database

The BattleBuddies database contains two tables, User and Friends. The two tables are linked with a one-to-many relationship as one User will have many Friends.

The User table contains all of the users login, service and contact information.

The system shows matches based on the Base Assignments entered by all users. As this query is performed every time the "Matches" page is called, it is dynamic and needs no database table.

When User 1 clicks "YES" for User 2, the system holds their choice until User 2 selects "YES" for User 1 – then each users User_Id is added to the Friends table and shows up on the "Friends" page with contact information visible.

Technology Stack

- Python
- Flask
- Jinja2
- SQL Database
- Visual Studio Code 2017

Demo

What I Learned

- Learned how to query the database by column using 'with entities'.

- Used "Choose File" implementation from Flasks UploadForm/PhotoForm to enable users to choose a photo from their machine.

- Created JS popup Modal for registration of new users.

What's Next

- Functionality for connecting users that want to view each other is still missing.

- Currently Registration is a JS popup, soon Login and Edit Profile will be as well.

- Responsiveness and Pagination.

- Would like to implement importing for Service info (i.e. – the user can enter in their Military ID number and answer security questions for their info to be automatically populated)