****

**Issues and regulations on Angular Forms**

Name: SAUBARNA DUTTA CHOWDHURY

MID: 1044433

Project Name: The Sanctuary Dot Net

1. **Problem Faced**: I have used Template Driven Form in the profile section. Over there is a “Change Password” option (a button), clicking on which the User will get the option to change his password. The problem was that on clicking that button, the page was being refreshed, which should not be the case as it is a Single Page Application.

**Solution**: On the “Change Password” button, I called a Boolean function, and I returned false, which prevented the page from refreshing.

Code Snippet:

isSelected: boolean = false;

OnButtonClick(): boolean {

this.isSelected = !this.isSelected;

this.buttonText = (this.isSelected ? "Hide" : "Change");

return false; //since page was getting redirected after clicking the

button

}

1. **Problem Faced:** To change password there were 3 fields- “Enter Old Password”, “Enter New Password” and “Confirm New Password”. Initially I was using Reactive Forms to check “Enter New Password” and “Confirm New Password” fields. The “Change Password” field was optional to the user, but the fields inside it were mandatory. As Reactive Forms gets the instance of the form first, so those fields became necessary for Profile updating. Every time the User updated his/her profile, he/she had to change the password.

**Solution:** Using Template Driven forms I solved it. In Template Driven Form, I took the data from the “Enter New Password” and “Confirm New Password” fields and used 2 way binding to store in the 2 separate variables in the TS file. Then by comparing those 2 variables I could compare the “Enter New Password” and “Confirm New Password” fields, and thus I was able to solve the issue.