

# Final Assignment

Ashutosh Kumar & Neeraj Chowdary Mamillapalli

---

**1. Provide link to GitHub repository for TAs to view the code. (5 points)**

<https://github.com/NeerajChowdary02/Software-design-project>

**2. Rerun the code coverage report. Code coverage must be above 80%. (2 points)**

```
-----
Ran 26 tests in 0.822s

OK
(env) PS C:\Users\ashut\OneDrive - Univer
Name           Stmts  Miss  Cover
-----
app.py          332    27    92%
price_module.py  18     0   100%
test.py         188     0   100%
-----
TOTAL           538    27    95%
```

**3. Demo prior to project due date. (3 points)**

Updates: We implemented password validation. We also added more unit tests (26 in total now).

The screenshot shows a web form titled "Sign up!" with a red background. It has two input fields: "Username:" and "Password:". Below the "Password:" field is a "Register!" button. At the bottom of the form are two buttons: "Back" and "Manage Profile". A blue error message box is overlaid on the bottom half of the form, listing five password requirements:

- The password needs to be 8-20 characters long.
- The password needs to have a lowercase letter
- The password needs to have an uppercase letter
- The password needs to have a number
- The password needs to have a special character (!@#\$%^&\*?)

**4. IMPORTANT: list who did what within the group. TAs should be able to validate in GitHub, otherwise team members who didn't contribute will receive a ZERO.**

Fill in this table, provide as much details possible:

Group Member Name	What is your contribution?	Discussion Notes
Ashutosh Kumar	Designed and wrote code for: Client Profile Management, Confirmation, Quote History, Quote Form pages. Designed and created the database. Implemented unit testing and sql log.	PostgreSQL seems appropriate for our app. The module unittest will be used for unit testing. Need to add various validation for the forms etc.
Neeraj Chowdary Mamillapalli	Designed and wrote code for: Index, Home, Sign Up, Quote Form pages. Helped design the database and connect it to the website. Worked on and designed the various pages and debugged and fixed issues in the application.	PostgreSQL will be ideal since it works well with flask and we are more comfortable with python. Have to make sure to implement and test if all the essential requirements for the website are working as expected.