

## Evaluation Specifications

### Completion

- Assignment completion is not a must but should be at least **80%** complete.
- The main pages that include registration, login, session authentication **MUST** be implemented.
- Optional pages would be blog re-editing or blog deletion.
- Tests are **NOT** optional.
- Database setup/alchemy/sqlite demo portion is **NOT** optional.
- Jinja2 templates should be shown.
- CSS/HTML is not super critical in terms of aesthetics but the structure of the GUI must be correct.
- All code for week 1 assignments and the evaluation assignment should be stored in your personal group, on Smoothstack's private GitLab:  
<https://git1.smoothstack.com>.

Your personal group can be found at:

<https://git1.smoothstack.com/cohorts/{year}/{cohort}/technology/{firstName-lastName}>

### Code Quality

- All critical functions should be tested with pytest.
- All code must pass pylint with a full score of 10.
- Analyzing the code through SonarQube is optional but will be added bonus.
- Exception handling must be implemented.
- The code must be performant.

### Evaluation/Demonstration

The candidate should show their main flask app code along with any environment variables defined. They should be able to start the app in one window, and then point to the URL from a browser and be able to show various functionality starting from scratch.

Any additional tools such as pylint, pytest and sonarqube should be shown as part of the demo in separate windows.

The candidate must demonstrate good communication skills to explain the choices they have made while presenting the code and should be able to run the code successfully along with the demo.