## Post - Flask & SQLAlchemy

1.Post has to be limited to 140 characters

I use a form to get comments from others. the form input maximum limit is 140 characters. No one can input more than 140 characters in this field.

# Post - Flask & SQLAlchemy

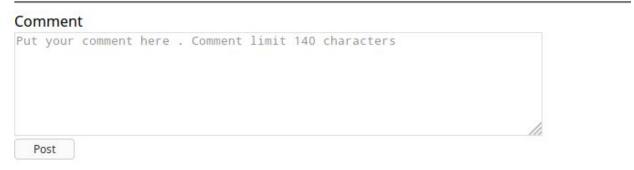


Fig1: Post has to be limited to 140 characters

2. **To avoid posting bad** things in Post i use a custom Bad word list as txt file and match all words from user post with it if found any bad words it will show a message "Post contains bad words!" and DB will not save that

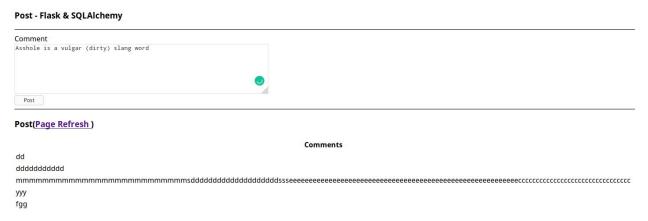


Fig2: Before posting bad things

# 

Fig3: After posting bad things

## 3. Each post has to be unique

User post should be different from the previous post. so when user clicks on the post button, there is a check with the previous post from Database. If no match found it will post, else it will show a message that "Post has already been added "

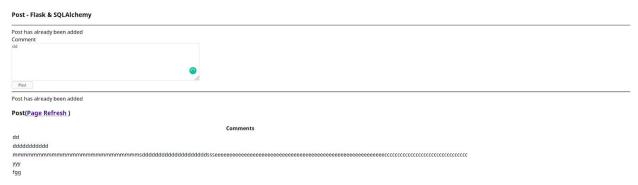


Fig4: Before posting same post that already made

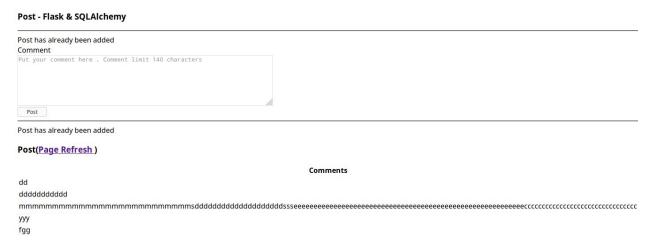


Fig5: After posting same post that already made

Full project done using Flask framework and SQLAlchemy ORM.

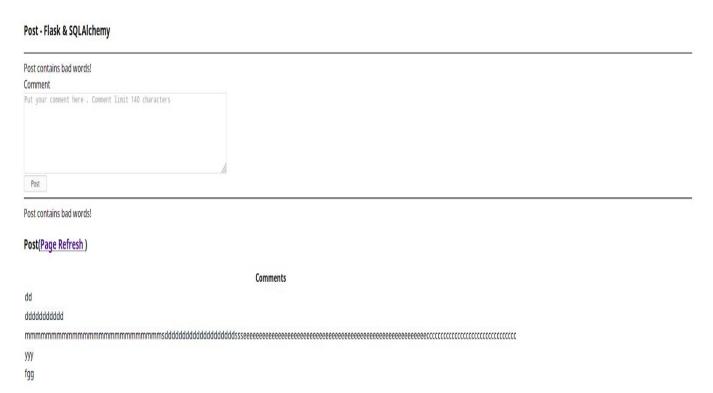


Fig6: Home page

#### To Run on local computer:

- 1. Python 3 installed Computer.
- 2. Download the zip file unzip it
- 3. In unzipped folder create a virtualenv using this cmd: pip install virtualenv
- 4. Active the virtualenv using this cmd: source env/bin/activate
- 5. After active virtualenv install Flask: pip install Flask
- 6. Install SQLAlchemy: pip install SQLAlchemy
- 7. Then run app.py file: Python3 app.py
- 8. Go to <a href="http://127.0.0.1:5000/new">http://127.0.0.1:5000/new</a> with your browser

#### **JOSM**

## I read out about JOSM from JOSM wiki page.

There are mainly 4 components , Node, Way, Relation, Area, Tag. JOSM editor mainly for edit map of Open street map .

I install on my computer trying to edit my known area . After practice, though I have some confusion but i think it is an easy tool for edit map by own.

