

## Folder Structure:

```
app.py
data/
    database.db
templates/
    homepage.html
    login.html
    story.html
utils/
    cmn.py
    auth.py
    Posts.py
```

## Descriptions:

### **Database:**

database.db: Contains user info, story info

### **Code:**

app.py: run flask app, set secret\_key

cmn.py: access to db, secondary, flask app

auth.py: handle login, logout, register

posts.py: handle individual posts, homepage

### **Templates:**

homepage.html: Home page, lists stories

login.html: login/register page

story.html: page for individual story, contains method to add to story

### **How work is split:**

We have a plan called SLANT

Shaeq - Lindsey - Ayman - Nobel - Team

Named slant because our productivity is a downward slant

**S** - The project manager

**L** - will make the homepage.html. This is the template that will add the stories to the homepage

**A** - Will make the python files. All of them. Literally every single one. \*.py -> ayman

**N** - Functionality to add to stories

**T** - bugfixes, minor text fixes

```
cmn.py:
from flask import Flask, render_template, redirect, url_for, session,
request
import sqlite3
```

```
f = "users.db"
```

```
db = sqlite3.connect(f)
dbcursor = db.cursor()
```

```
app = Flask(__name__)
```

```
auth.py:
@app.route("/login", methods=['GET', 'POST'])
```

```
posts.py:
@app.route("/")
```

```
Homepage.html:
    <Login/Register Button>
```

```
    List of posts
```

```
Login.html:
<Textbox: Username>
<Textbox: Password>
<Button: Register> <Button: Login>
```

```
Story.html:
    <Original story>

    <List of additions by others>

    <If logged in:
        Large textbox for text entry
        Submit button>
```

```
Database.db:
Table 1: Username, password hash, ID
Table 2: Story, contributor IDs
```