

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 link to add to story

addstory.html

How work is split:

We have a plan called SLAN

Shaeq - Lindsey - Ayman - Nobel - Team

Named slan because our productivity is a downward slant

S(haeq) - The project manager. Make html pages look pretty using css.

Glue front and back end through proper coordination.

L(indsey) - will make the homepage.html. This is the template that will add the stories to the homepage and display them.

A(yman) - Story.html. Shows all the posts of a story, and form to add to story.

N(obel) - Functionality to add story + additions to stories.

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

Story Name	(addstory.html)
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Story Post #1

Story Post #2

Story Name Here

Username

Password

Create

Login