COP 4521 Project Roadmap/Skeleton

Libraries:  
 <https://docs.python.org/3/library/socketserver.html>  
 Multiprocessing and threading

Database:

MySQL

Role based access:

ADMIN: all tasks

MOD: delete, revoke

BACKER: insert to stories and all user tasks

USER: insert to storage

\*add locks to prevent reading and writing at same time

Database Schema:

3 Tables:

Users(USERNAME, PASSWORD, BACKER)  
Stories(GENRE, PROMPT)  
Storage(PROMPT, STORY, USER1, USER2)

Story Creation:

Prompts:

Genres

Pages:

Frontpage: links to Login, createAccount, storyStart, profile and publishedStories  
 Login: User box, Password box, link to createAccount  
 createAccount: User box, Password box  
 storyStart: page allows for users to choose a prompt (link to createStory) and wait for a user OR choose a prompt that a another user has selected  
 storyWrite: Turn based system where users submit text they want added to the story. The other user can approve or deny (limited denials) the text. Once approved the turn switches.  
 createPrompt:  
 profile:   
 publishedStories:  
 createStory: