

Tell Me A Story - The Story Writing Telephone Game

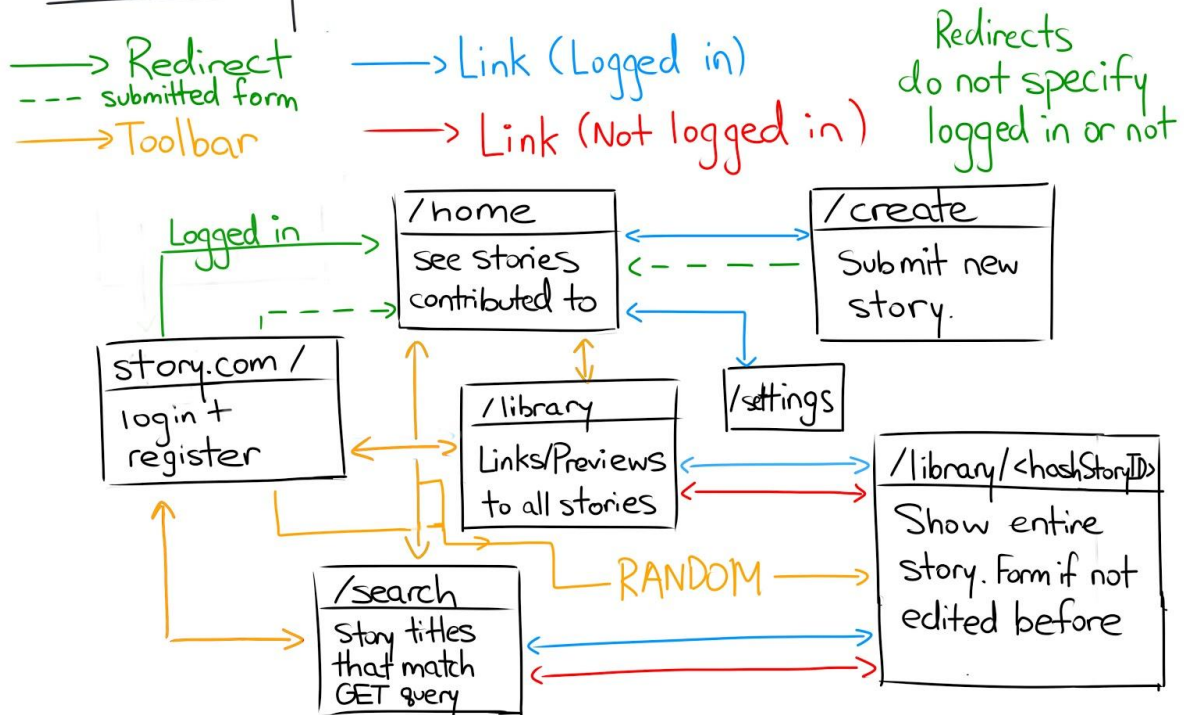
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Components and How They Work (Description)

- *Homepage*
Redirects to /login if not logged in, redirects to /home if logged in.
- *Homepage/Registration: story.com/*
 - HTML Form
 - Register
 - References validity using AccountInfo Table
 - Writes to AccountInfo Table
 - Redirects back to /login with success message (in template, see if message exists)
 - Login
 - References AccountInfo, Logs in
 - Redirects to /home
- *Homepage generation*
story.com/home
Redirects to / if not logged in.
Extract stories from storyIDs (userTable), for each storyID reference mostRecentEditID from Story Table. Reference and pull edit message with ID = mostRecentEditID from Edit Table.
Generate what you see per story + link.
- *Create new story: story.com/create*
 - HTML Form. Do Not allow same person to make same story title.
 - Title, First message
 - Writes to Story Table and Edit Table
- *Editing story: story.com/dir/<hashStoryID>*
 - Edit story form at top if logged in AND storyID not in user's storyIDs
 - Blocked if post is in storyIDs list of user
 - Writes to Edit Table and increments Story Table
- *Search bar/Directory/Toolbar*
 - At the top of all pages
 - Directs to story.com/search?Query =<searchMsg>
 - Directory prints "most recent update + link to full story" using written functions, for stories whose names are substrings of search
- *User Settings: story.com/settings*
 - Change password - from UserAccountInfo page

Site Map

Site Map - Team Double Shot MOCA



story.com/
 Standard
 Redirects to homepage if logged in
 story.com/home
 displays stories (most recent edit)
 story.com/create
 add new story
 story.com/library
 /url
 list all stories
 story.com/library/<storyHash>
 Individual story page

story.com/search

Useful Link:

https://www.tutorialspoint.com/sqlite/sqlite_update_query.htm

Database Schema

Table for all Stories

Title, StoryID (If we have time, implement indices and references in edits), mostRecentEditID

Table for all Edits

EditID # (Not unique across stories), Timestamp, StoryID, UserID, Edit Content

Table for people

UserID, StoryIDs (list),

Table for Account Info

Username, HashedPass, UserID

Program Components (Files)

app.py

data/

story.db

Refer to Database Schema

templates/

login.html

Page with form that has a username and a password field with a login and a register

button

homepage.html

Page that prints previews of all the stories the user has contributed to

storytmpl.html

Template for story.com/library/<storyHash>, which prints the entire story

library.html

Page that prints a list of all the stories

settings.html

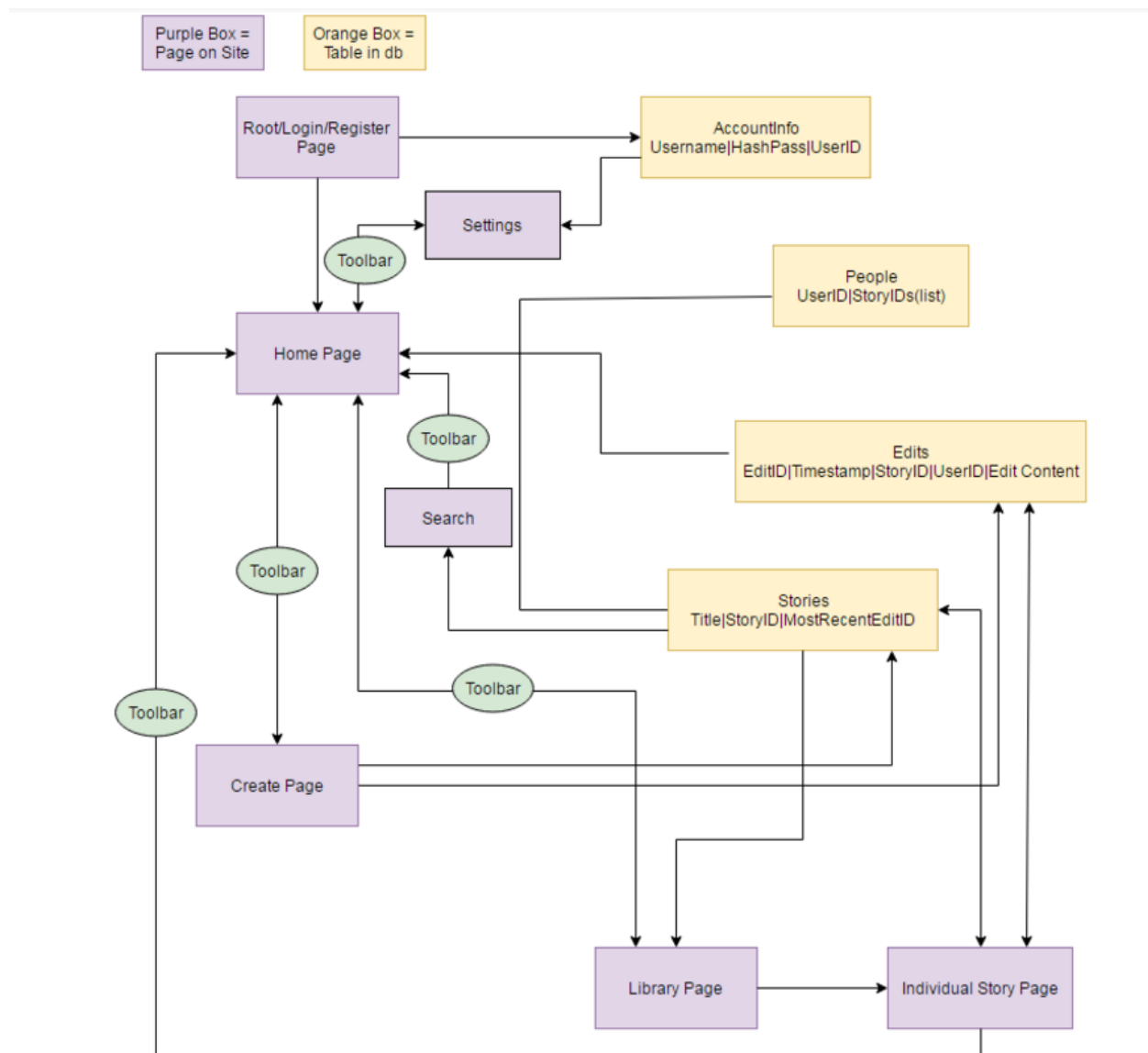
Page with a form to change password

utils/

algorithms.py

Contains any functions that we need to use, such as the authenticate function or functions to access information in the databases

Component Map



Work Distribution

Constantine - Project Manager

Database management and linkage to backend

Jessica

Template and maybe CSS management.

Maddie

Story pages, creating stories/editing stories/ random

Joel

Main page generation, toolbar management.
Directory