

Team: Storyvesant

Members: Holden Higgins, Ibnul Jahan, Brian Leung, Shakil Rafi

SoftDev Period 7

Project: Collaborative storytelling game/website

Roles:

- Project Manager - Ibnul Jahan
 - Sets deadlines for tasks
 - Implements minor changes in code
 - Makes sure everything progresses on time
- Frontend - Shakil Rafi
 - Produces HTML templates
 - Forms for gathering the user's information
 - Uses Jinja2 to customize User pages
- Database related backend - Holden Higgins
 - Manages the various database tables we have
 - Determines easiest way to get information into and out of the database
 - Decides on best way to store information as well
- Flask/ miscellaneous backend - Brian Leung
 - Produces code for the Flask side of the project
 - Determines how many routes we need, what the root should do, and which addresses point to each other

Database schema:

table Stories: title|creator|id

This table will store information for every individual story on the site.

Title (text) refers to the title of the story.

Creator (text) refers to the user that first started the story

ID (integer) is a number that will be assigned to each story starting from 0

table <story>: edit_txt|user|time

This will be a series of tables, one for every story on the site.

Edit_txt (text) will be the edit that a user made

User (text) will be the user that made the edit

Time will be the moment that the user added the change

table Users: username|hashed_password|story_edits

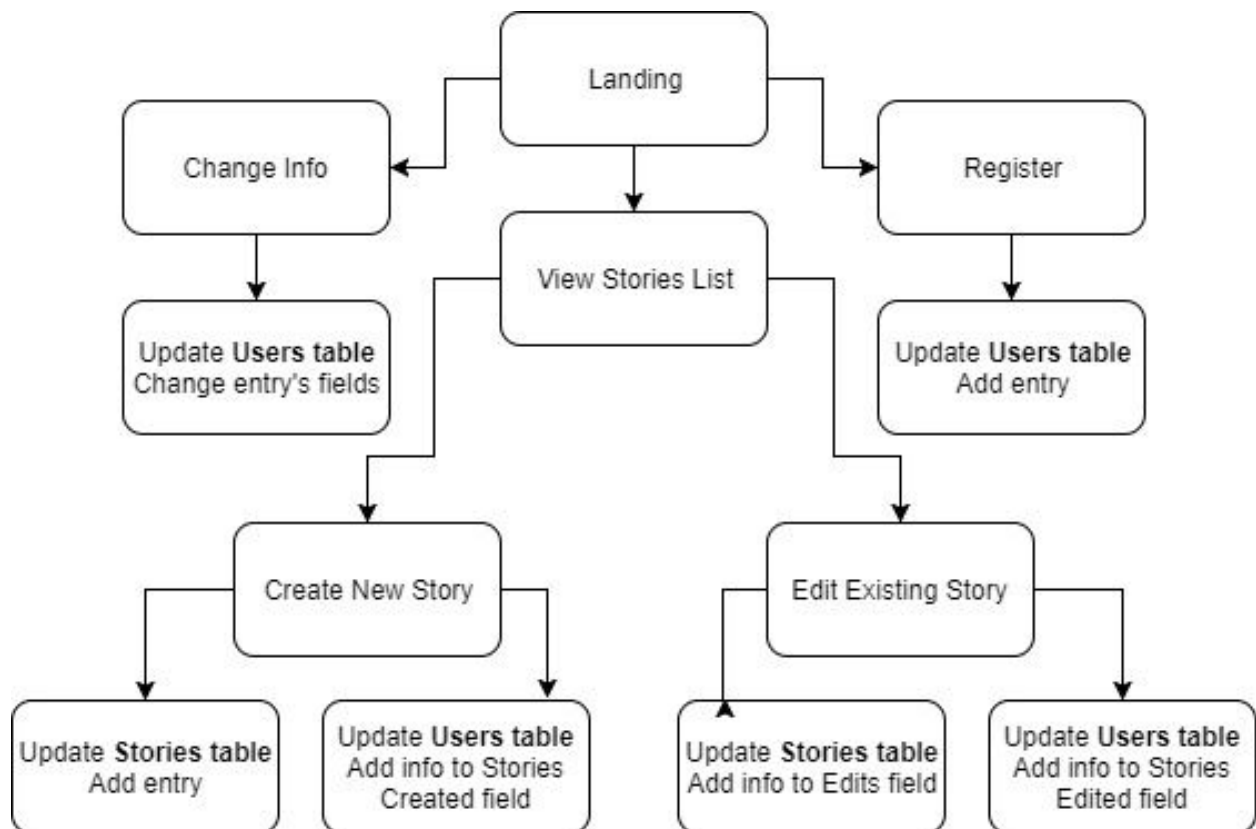
This table will store information for every user on the site

Username (text) will be the username for a user

Hashed_password (text) will be a secure version of the password for the user

Story_edits (text) will be a list composed of all the edits that a user has made

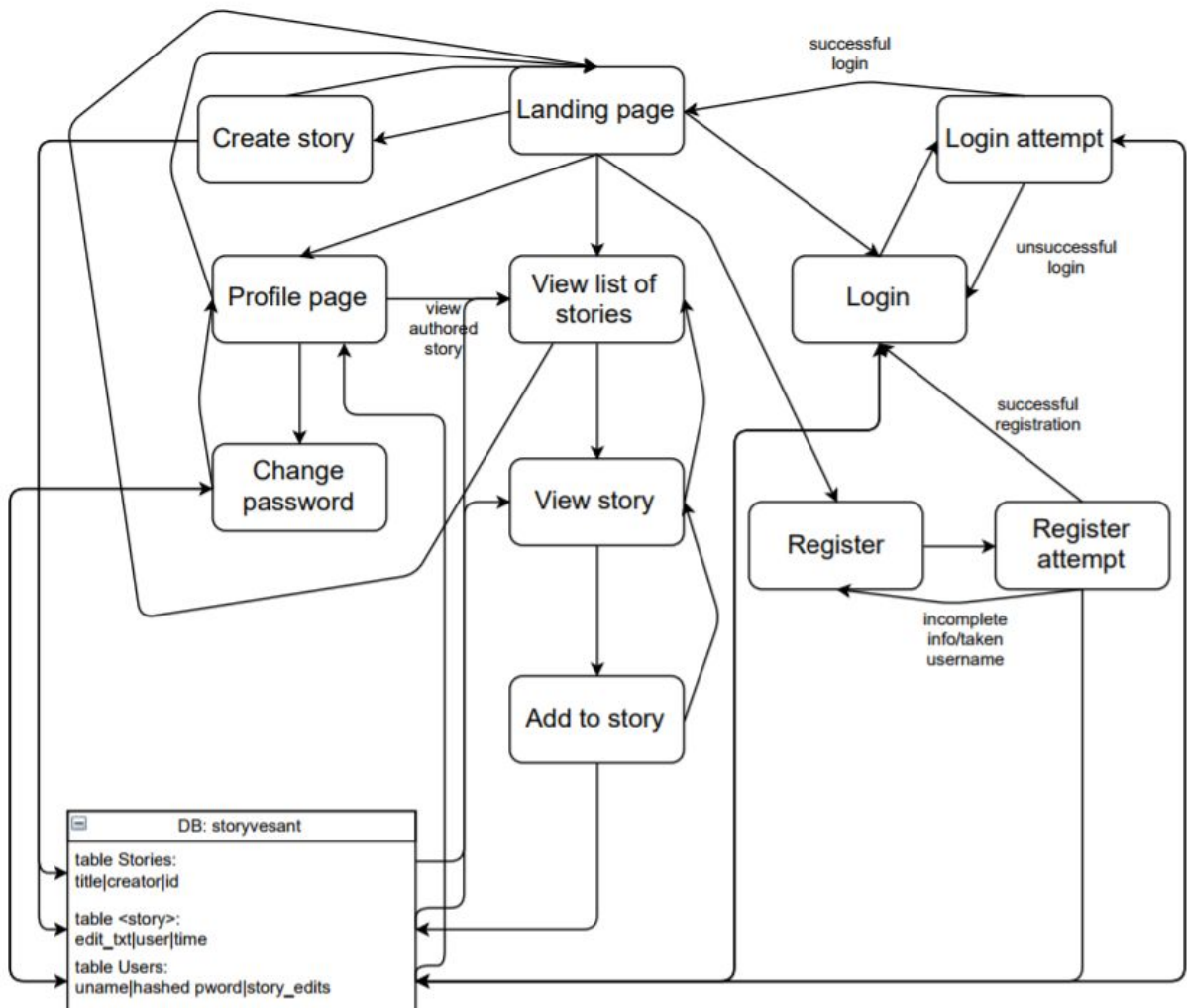
Component map:



Explanation:

Upon landing, the user will be presented with a series of options that will be detailed later in the document. Some decisions can lead to changes in the database structure, such as adding or updating an entry. These major changes are highlighted in the above flowchart. Stories table refers directly to both the Stories table and the <story> tables because they are both updated more or less simultaneously.

Site map:



Explanation:

The user will land on the initial landing page and will then be provided with a set of options. If they want, they can view storied on the site. They will not have the ability to make additions unless they are logged in. If they do not have an account, they may register for one. If they have an account they may log in, which will allow them to make edits later on. Lastly, if they are logged in, they can go to their profile page to change their information. If they are in session and they view a story, they are given the option to add to it, and after this they are no longer able to do this anymore. The stories will always be visible however.