

Team MART: Amit Narang, Theodore Peters, Ray Onishi, & Mai Rachlevsky
SoftDev1 pd7
P #00 -- Da Art of Storytelling
2018-10-16

Scenario One

Roles

Ray Onishi - Project Manager

Amit Narang - Frontend/Backend

Mai Rachlevsky - Frontend/Backend

Theodore Peters - Backend

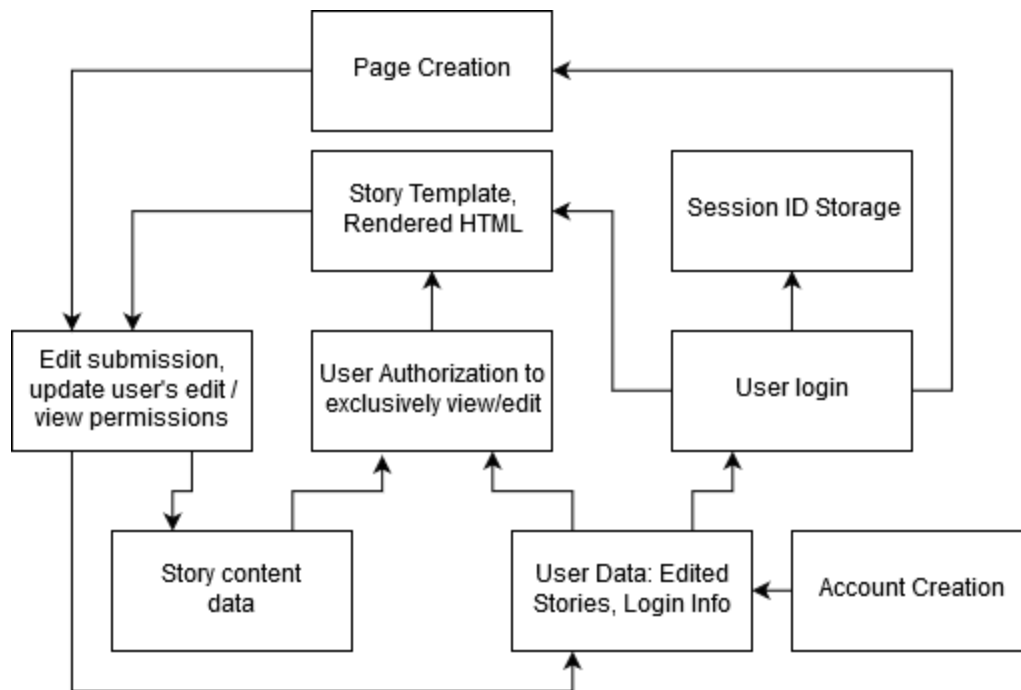
Core Features:

- Adding / Editing pages, saving this data
- Accessible user accounts connected with edited stories

Possible Additional Functionality:

- User input parsing to prevent html and sql injections (eg `<script>window.location = "https://www.youtube.com/watch?v=dQw4w9WgXcQ";</script>`)
- Hashed passwords
- Seeing each user's specific edit history
- Being able to tag stories or search for stories relating to a certain topic

Program components:

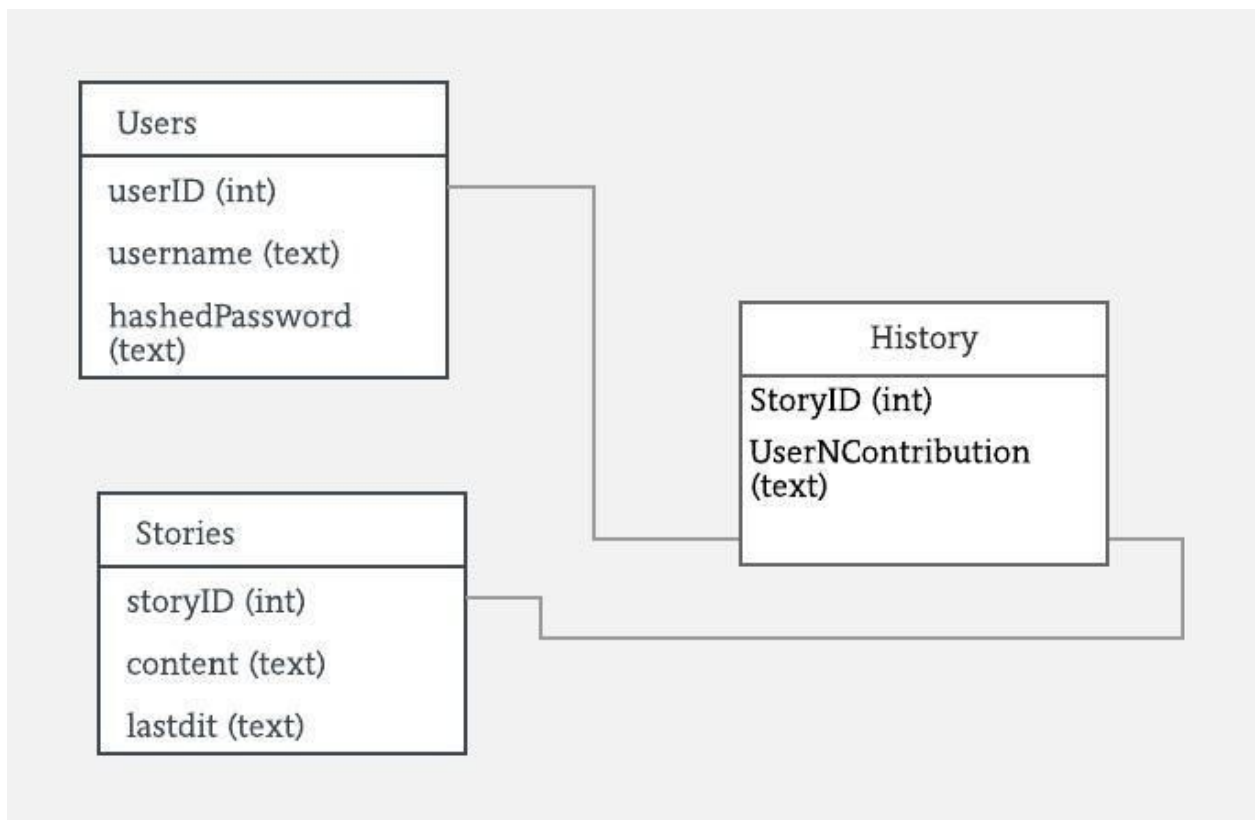


Database Schema

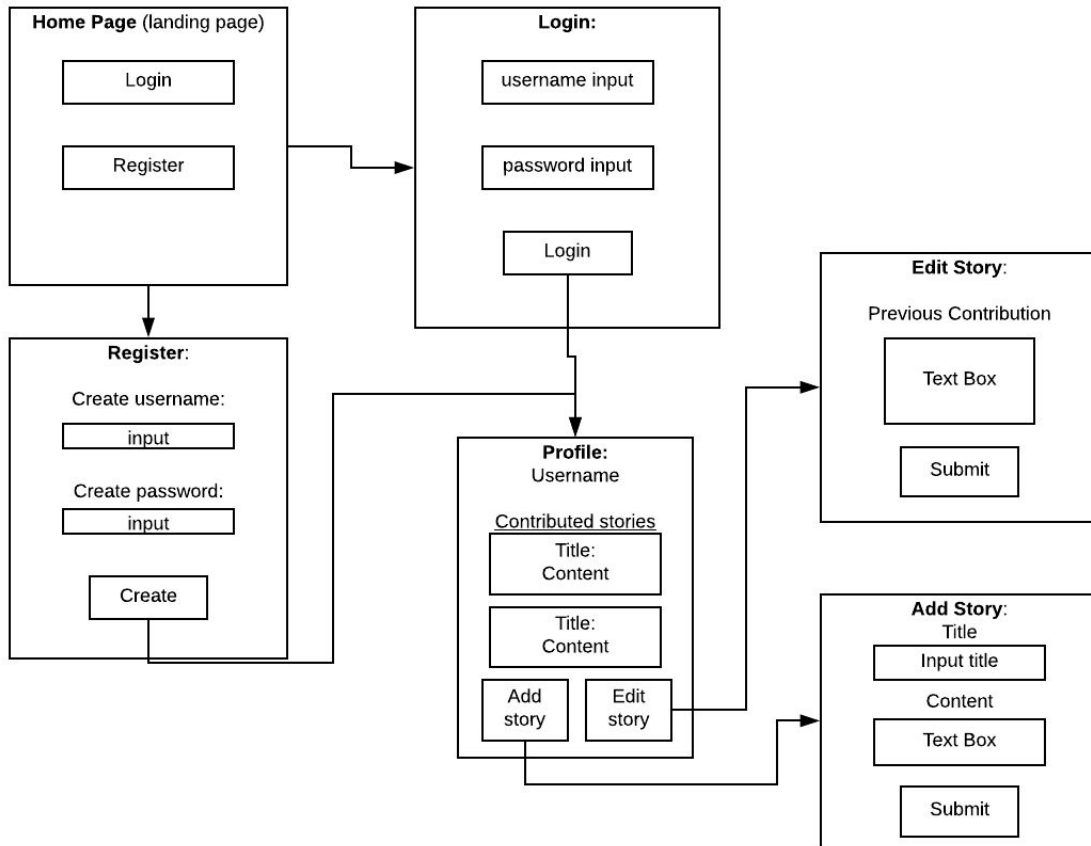
Users: This table would store the UserID field (which is the primary key and of the *int* type), the username (of the *text* type), hashed password (of the *text* type).

Stories: This table would store the StoryID field (which is the primary key and of the *int* type), the content id (of the *text* type).

History: This table would store the StoryID field (of the *int* type) for each story, and have one more column as there are user accounts. All of these columns would be titled userID + “contribution”. In each of these columns, a text value would be stored (either “True” or “False”, with values defaulted to “False”) depending on whether the user has contributed to the story.



Site Map



Breakdown of tasks

1. Creating stories and adding to stories
 - a. Storing new stories in the stories table
 - b. Ability to add content to the existing stories in the table
 - c. **Assigned:** Theodore, Amit
2. Latest update feature
 - a. Storing the latest update in the story table with each story
 - i. Whenever a story is added to, latest update and content of story is updated in table
 - b. **Assigned:** Mai, Ray
3. Users
 - a. Allow for users to sign up with username and password, stored in users table
 - b. **Assigned:** Amit, Ray

4. Maintaining user contribution to stories
 - a. Stored in history table
 - b. Each user should have a boolean associated with each story in order to keep track of what they contributed to (in the history table)
 - c. **Assigned:** Theodore, Mai
5. Story Logistics
 - a. Once a user adds to an existing story, they should be stripped of the ability to add to the story again
 - b. Creating a page to:
 - i. allow the creation of new stories
 - ii. allow the addition to existing stories
 1. should only display stories to edit that the user has not contributed to yet
 - c. **Assigned:** Theodore, Amit
6. Landing Page Logistics
 - a. Logged in user be on a landing page where they can navigate to pages where:
 - i. The user can view all stories they contributed to
 - ii. The user can create a new story
 - iii. The user can edit an existing story
 - b. If not logged in, users will be directed to sign up or log in
 - c. **Assigned:** Ray, Amit
7. Template for story
 - a. Template must be created to display the stories in an aesthetic manner
 - i. Pulls content from stories table to display
 - b. **Assigned:** Mai
8. Final Touches
 - a. Aesthetic touches to the project
 - b. Extensive bug testing
 - c. **Assigned:** Ray, Theodore, Mai, Amit

Deadlines (tentative)

- **10/17**
 - Revised design document
- **10/22**
 - Core functionality
 - Creating/adding to stories
 - User accounts
- **10/24**
 - Any extra features & aesthetic changes needed