

# Team Rodda Reimer John

Anya Keller, Jack Schluger, Bayle Smith-Salzberg, Haley Zeng, pd 8

## HW 10: Da Art of Storytelling

### Pages:

1. **Login:** Login to account
2. **Register:** Make a new account
3. **Feed:** stories you haven't contributed to
  - a. Can sort stories by
    - i. Time of creation
    - ii. Time of last edit
    - iii. Title
4. **History:** Stories you have contributed to
  - a. Can sort by
    - i. Time of creation
    - ii. Time of last edit
    - iii. Time of user's edit
    - iv. Title
5. **Contribute:** Contribute to a story
6. **Create:** Start your own story

### Back-end processing files:

1. app.py
  - a. holds all the routes
  - b. uses user account manager for Login and Register
  - c. uses database manager for Create, Contribute, Feed, and History
  - d. uses templates to format output
2. user account manager (inside utils/)
  - a. uses database manager
  - b. authenticate logins
  - c. create new accounts
3. database manager (inside utils/)
  - a. insert entries to the tables (used for Register, Create)
    - i. Register: insert account into user table
    - ii. Create: insert post into post table
  - b. edit existing entries in the tables (used for Contribute)
    - i. Contribute: edits post in post table
  - c. fetch data from the tables (used for Register, Login, Feed, History, Contribute)
    - i. Register: make sure username not used
    - ii. Login: authenticate credentials
    - iii. Feed: pull last edit of stories user has not contributed to

- iv. History: pull full stories user has contributed to
- v. Contribute: pull last edit of the story the user is contributing to

## 1 database, with 3 tables:

1. **Users.** Each record includes:
  - a. username
  - b. hashed password
  - c. unique user id
2. **Stories.** Each record includes:
  - a. title
  - b. full story (including last edit)
  - c. last edit to story
  - d. time of original creation
  - e. time of last edit
  - f. unique post id
3. **Edit Histories.** Each record includes:
  - a. user id
  - b. post id
  - c. time of contribution

## Role delegation:

Haley -- Project Manager  
 Anya -- writing account manager and routes and templates for Login and Register  
 Jack -- writing routes and templates for displaying Feed, History, Create, Edit  
 Bayle -- writing database manager

## Database Schema:

### edit\_logs

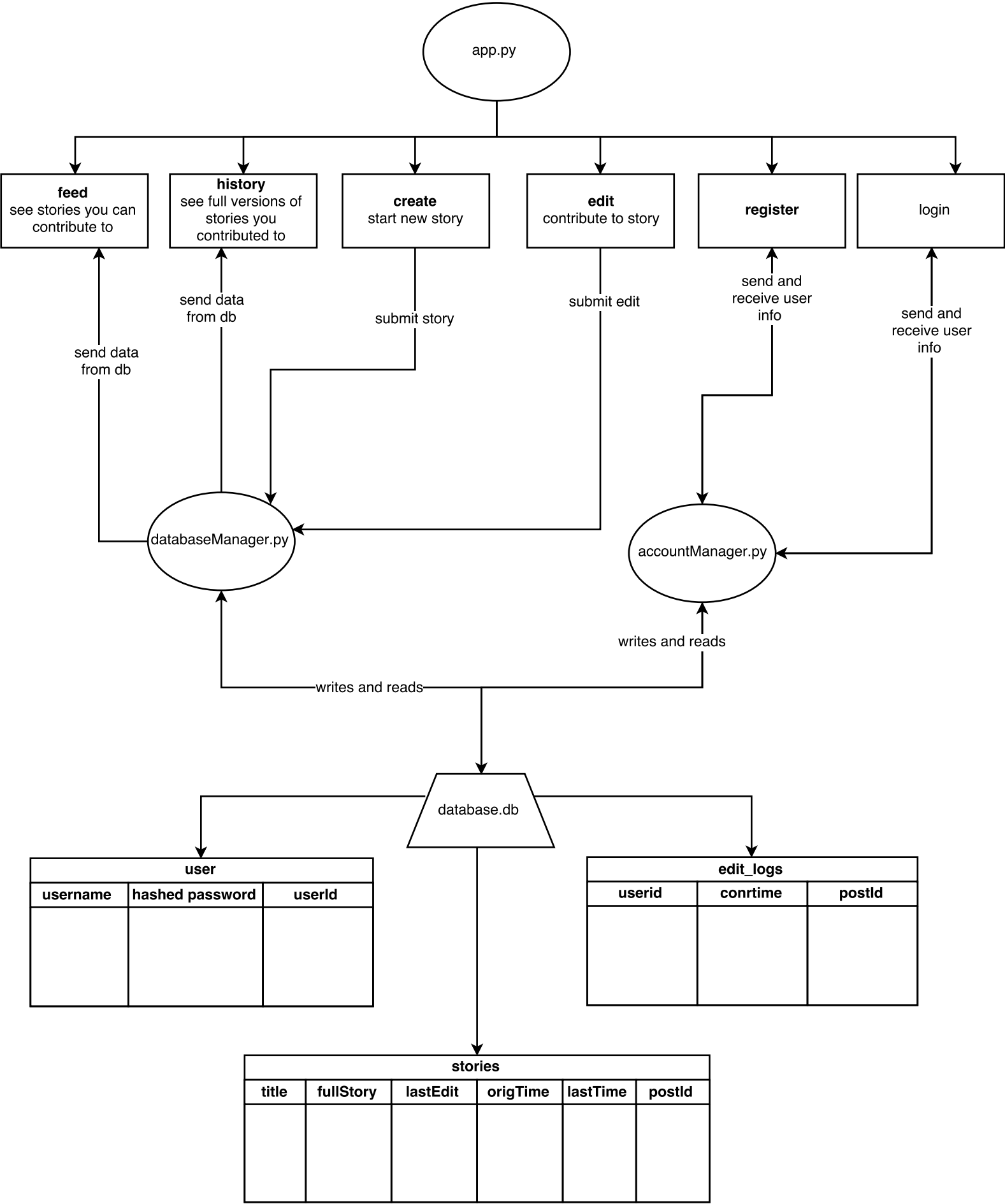
INTEGER	INTEGER	INTEGER
user id	story ID	contribution time

### users

TEXT	TEXT	INTEGER
username	password	user ID

### stories

TEXT	TEXT	TEXT	INTEGER	INTEGER	INTEGER
title	full text	last edit	original creation time	latest update time	story ID



# Front End

[Feed](#) [History](#) [Create](#) [Log in / register](#) [Log Out](#)

Log in / Register

Log in

Log In

Register

Register

[Feed](#) [History](#) [Create](#) [Logged in as usr](#) [Log Out](#)

Feed

Story1

this is the latest entry in story1

edit

Story0

this is the latest entry in story0

edit

Story2

\*posts that you haven't contributed to\*

[Feed](#) [History](#) [Create](#) [Logged in as usr](#) [Log Out](#)

History

Story1

This is how Story1 beings. And there's more. And more. And more. This is where it ends -- for now.

Story0

This is how Story0 beings. And there's more. And more. And more. This is where it ends -- for now.

\*posts that you have contributed to\*

FeedHistoryCreate

Logged in as usrLog Out

Create New Story

Title

story contents here

Submit

FeedHistoryCreate

Logged in as usrLog Out

Edit Story

This is the last entry in the story.

enter your contribution here

Submit

