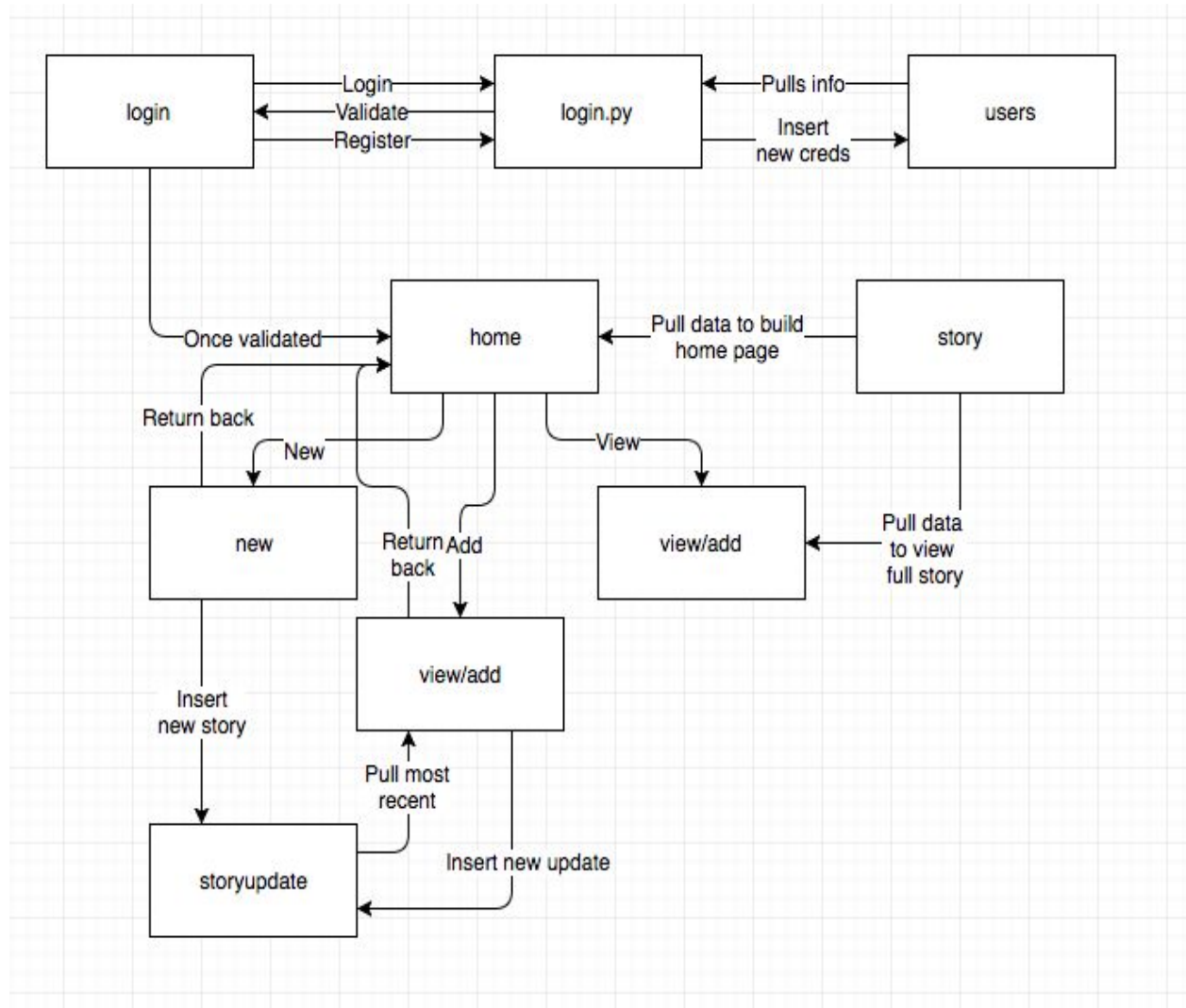**StoryTime**
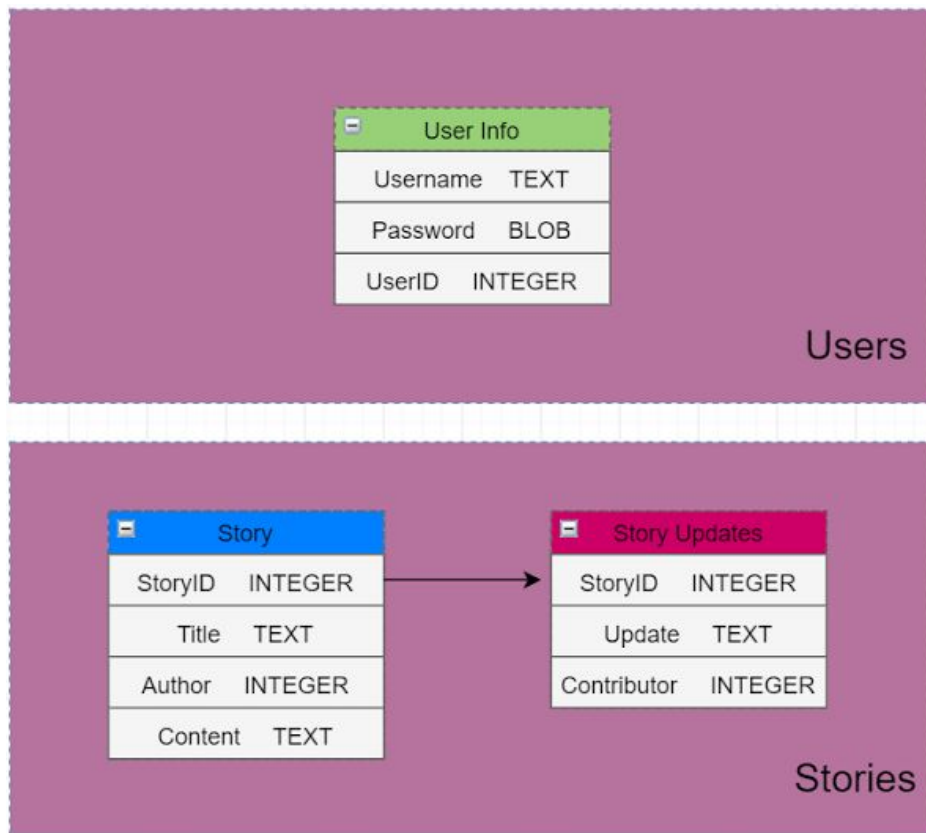Eric Li, Augie Murphy, Angel Ng, Manahal Tabassum

Program Components
- Users Database
  - Consisting of username, password, userID
- Stories Database
  - Story ID, Title, Author, Content
  - Story ID, Most Recent Update, User ID of Contributor
- Templates
  - Login Page / Register
  - Dashboard / Home
    - Show existing stories in reverse order they were added to database (most recently added to first)
      - Have option to view / add to story
    - Option to Logout
    - Option to create new story
  - New Story
    - Will be a form with title and content entries
  - View / Add template
    - If you haven't added, you will see most recent addition and will see text box to add
    - If you have added, you will see the full story
- DB Python File
  - Creates and manages databases
  - Will have access to both databases
- Run.py
  - Flask app
  - Includes all routes
    - @login
    - @home
    - @story
      - Where you view/add story
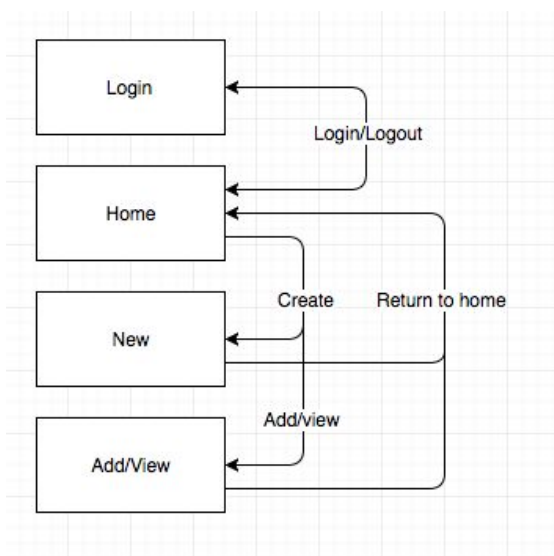
Relationship Between Components

Database Schema

User Info

Username	TEXT
Password	BLOB
UserID	INTEGER

Users

Story

StoryID	INTEGER
Title	TEXT
Author	INTEGER
Content	TEXT

Story Updates

StoryID	INTEGER
Update	TEXT
Contributor	INTEGER

Stories

Front End Site Map

- Login/register
- Home
- New
- Add/view

Login

Login/Logout

Home

Create   Return to home

New

Add/view

Add/View

Task Breakdown

- Database.py **Manahal**
  - Creation / Update methods of both users.db and stories.db
- Templates **Eric**
  - Login.html
    - Ability to make new user / login
  - Home.html
    - Shows all stories
    - Logout option
    - A button next to each story saying "Add/View"
  - Story.html
    - Based on user status (whether user has contributed or not) either:
      - Show entire story
      - Give ability to add to story and show most recent contribution
- Python Files
  - App.py **Group Effort**
    - @login
      - Utilizes methods from Registration.Login.py
    - @home
      - Uses templates to show all stories
    - @story
      - Uses storyoptions.py
  - Utils.py
    - Registration/Login.py **Angel**
      - Handles account signup
      - Signin
      - Authorization of account
    - Storyoptions.py **Augie**
      - Facilitates adding to story
      - Uses template to show full story
      - Looking up if user has added to it

- Flask
- HTML