

notes-and-code: Hui Wang, Jonathan Song, Ryan Lau

softdev

p00: stories

2022-10-27

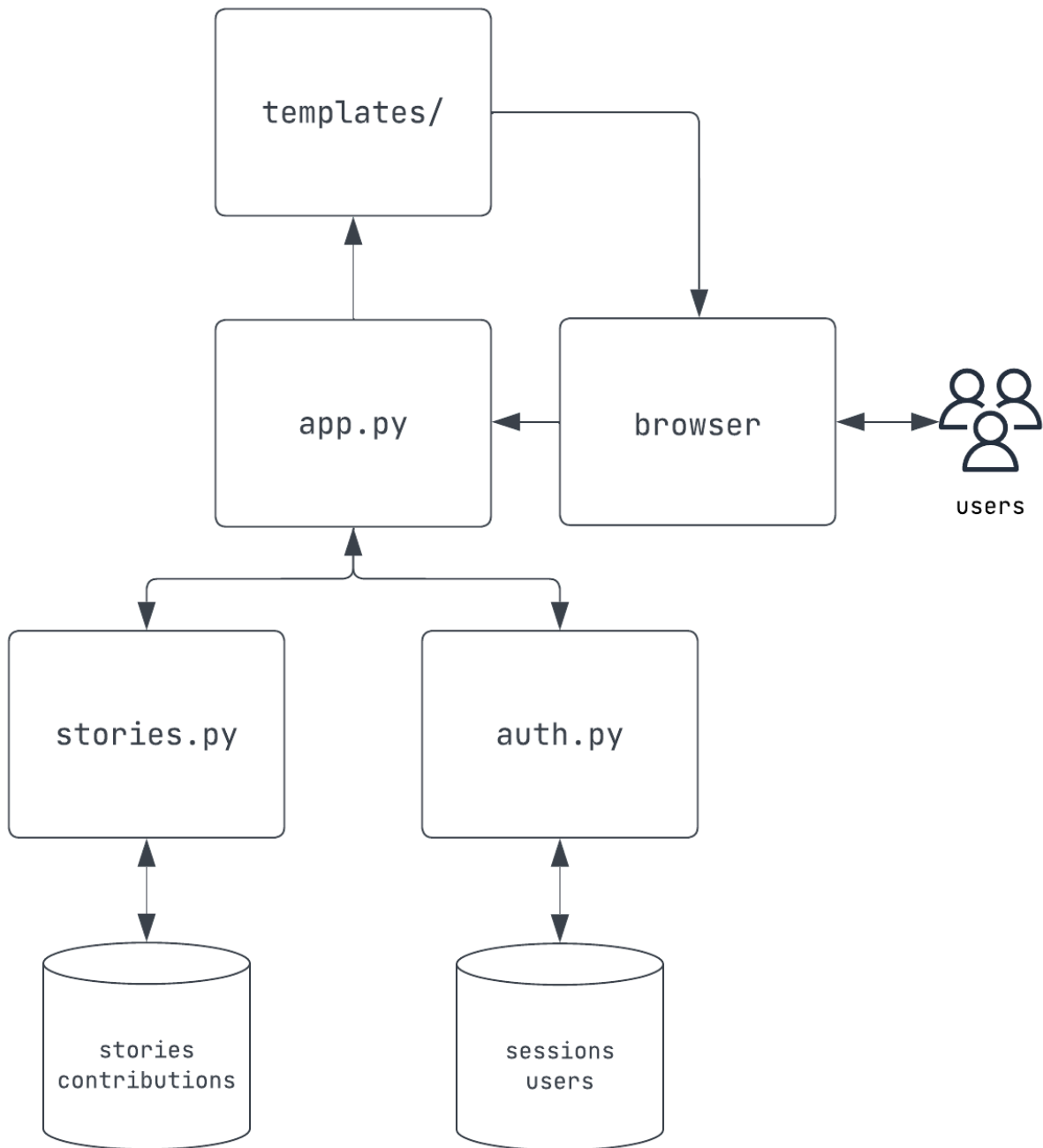
time spent: 1 hrs

target ship date: 2022-11-09

### program components

- app.py: flask server, define routes, query **db** with functions imported from **auth.py** and **stories.py**
- templates/
  - home.html:
    - if not logged in, shows login form with link to /register
    - if logged in, shows last 5 stories that user has and has not contributed to with links to /stories, /new\_stories, and /new
  - register.html
    - redirects back to / when successfully registered
  - new\_story.html
    - form with a title field and content field
  - stories.html
    - list of stories that have been contributed to by user
  - new\_stories.html
    - list of stories that have not been contributed to by user
  - story.html
    - page displaying full story
  - hidden\_story.html
    - page only showing the last line of story
- db: sqlite3 database; see **database structure**
- auth.py: functions that perform SQL queries on **users** and **sessions** table in **db**
  - login
  - logout
  - check session
  - checks if user has contributed to story
- stories.py: functions that perform SQL queries on **stories** and **contributions** table in **db**
  - get all stories
  - get specific story
  - get last contribution of specific story

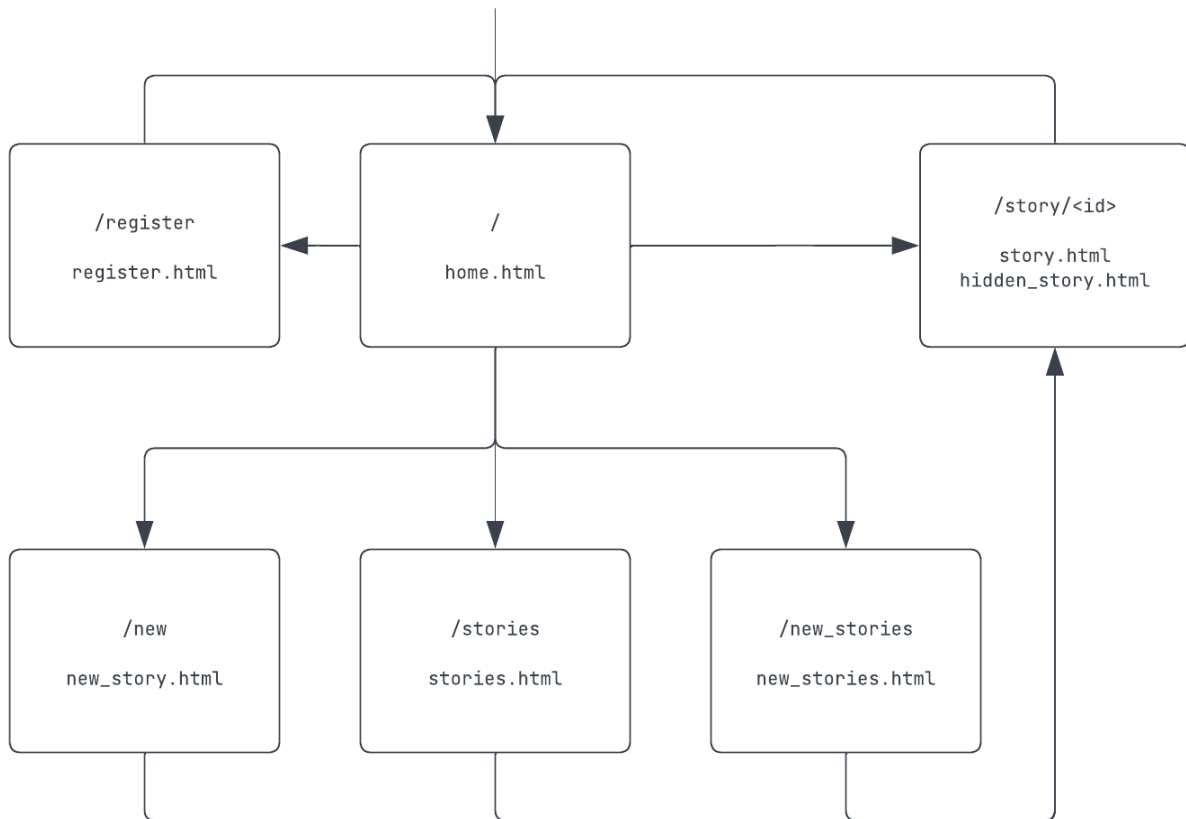
how the components fit together



## database structure

- sessions
  - id
  - user\_id
- users
  - id
  - username
  - password
- stories
  - id
  - title
- contributions
  - id
  - text
  - timestamp
  - story\_id
  - user\_id

## sitemap/frontend flow:



## tasks

- create SQL queries from sqlite3 shell to populate **db**
  - assigned to **jonathan & hui**
- create functions based on SQL queries in **auth.py** and **stories.py**
  - assigned to **jonathan**
- create html files
  - assigned to **ryan**
- create flask server in **app.py**, define routes from **sitemap**, connect routes to **templates**
  - assigned to **hui & ryan**