

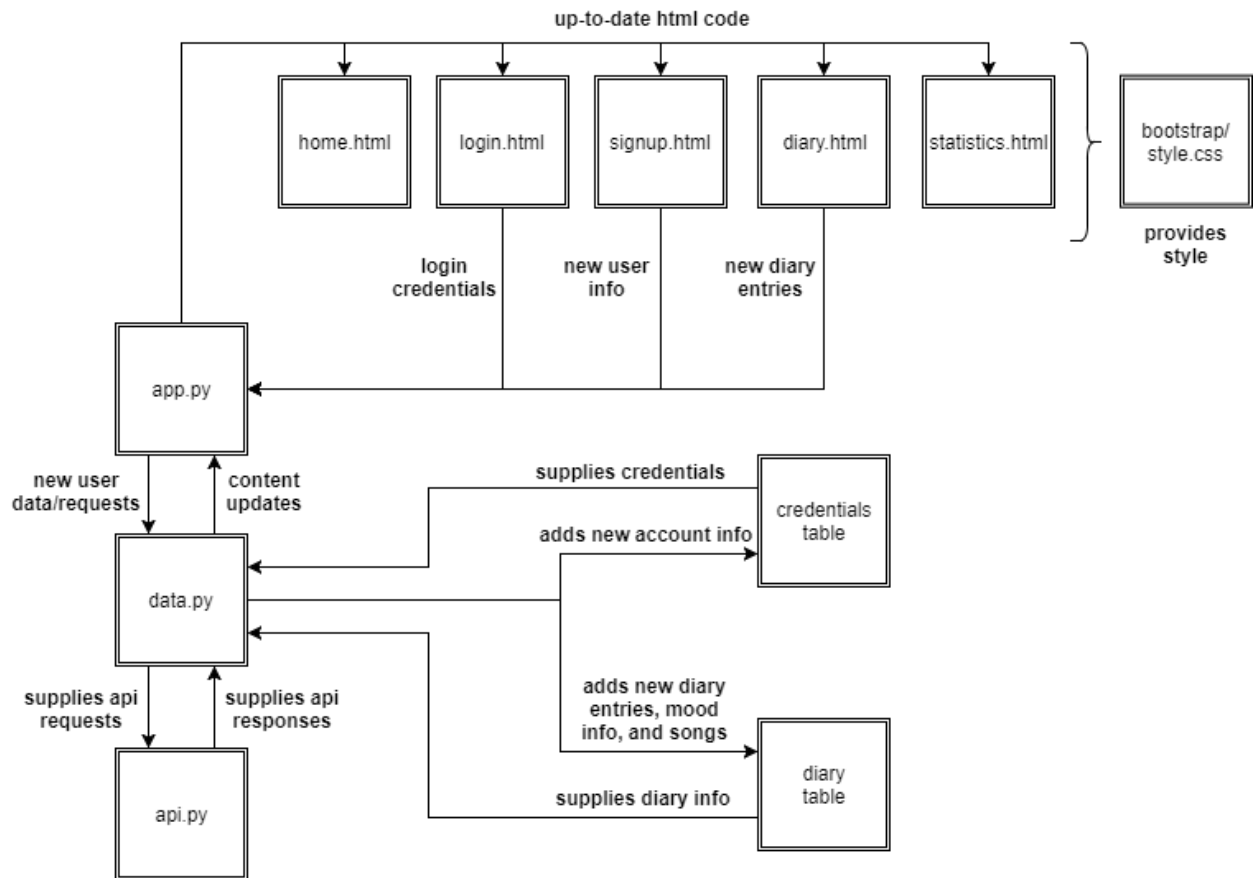
Mood Diary

Program Components:

- home.html
 - Links to login, signup, and log out
 - Maybe a random playlist
 - Info about our website
- login.html
 - Links to home (and signup, if first time user). Has a form for logging in. Redirects to home.html once logged in
- signup.html
 - Redirects to login if account creation successful. Has a form for signing up.
- diary.html
 - Displays all entries with appropriate embedded spotify song, with most recent entry first
 - Displays a menu tab bar to your statistics, settings
 - Maybe: sidebar with a list of dates. Each date is a link that will take you further down the page to that day
 - Maybe: filter entries by mood feature?
 - Maybe: allows you to rate the song you were given out of 5 stars once you submit an entry
- statistics.html
 - Pie chart that displays percentage of days (and actual number of days) where you felt each mood
 - Line graphs for each emotion (anger, disgust, fear, joy sadness) that chart the score for each emotion over time.
 - Compiles a playlist from all sad days (“it’s okay to cry” playlist), joyful days (“Stay hyped!” playlist) , fearful days (“Soothe yourself” playlist), disgusted days (“Stay angsty” playlist)

- bootstrap
 - Css framework
- style.css
 - Our custom style for the website
- app.py
 - Flask App
 - Includes all routes
 - /login
 - /signup
 - /home
 - /newEntry
 - /statistics
- Utils
 - __init__.py
 - accounts.py
 - Handles login/signup checking. Updates credentials table
 - data.py
 - Handles new diary entries. Updates diary table with new entries, mood info, and songs
 - api.py
 - Sends api requests and parses responses
- database.db:
 - credentials Table
 - Username|Password - For checking user credentials
 - diary Table
 - Username|Date|Diary Entry|Mood Info|Song- For storing user data

Component Map:



Site Map:

Home	Login
------	-------

Home	Register
------	----------

Signup Page

Username:

Password:

Login

Username:

Password:

Login	Register	Logout
-------	----------	--------

Home

If already logged in,
this button will show
up

Random Playlist from
Spotify

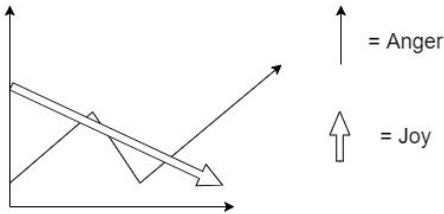
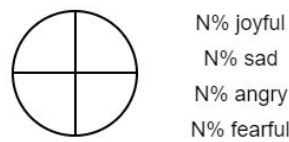
Home	Logout	Statistics
------	--------	------------

Diary

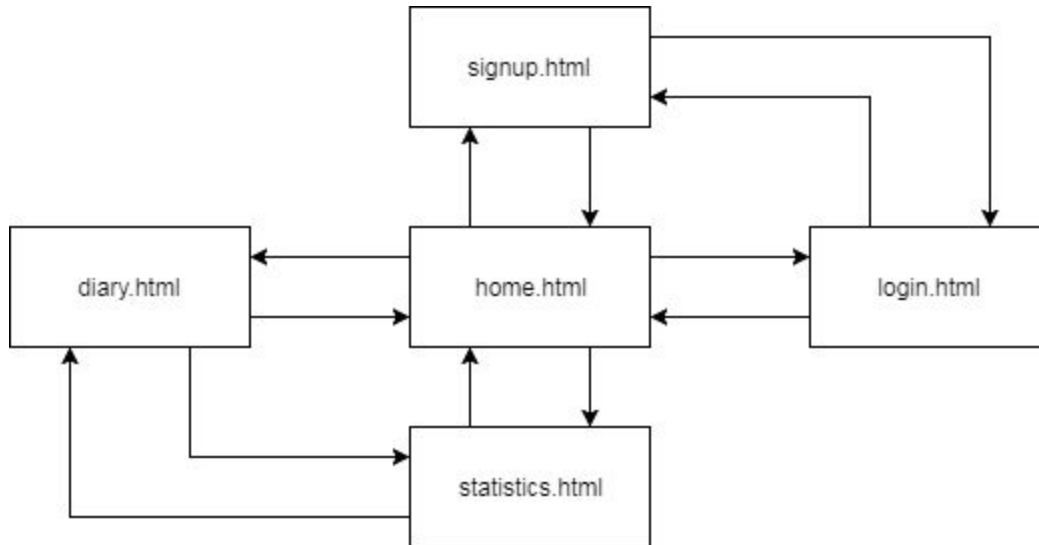
Diary Entry	Corresponding Spotify song
Diary Entry	Corresponding Spotify song

Home	Logout	Diary
------	--------	-------

Statistics



Sad Playlist	
	Song 1
	Song 1



Database Schema:

- credentials Table: Username|Password- For checking user credentials
- diary Table:Username|Date|Diary Entry|Mood Info|Song

Task Breakdown:

- Md
 - Project manager. Keeps track of devlog, oversees distribution of labor, keeps project on schedule, handles minor coding tasks
- Sasha
 - Database python file
 - Api python file
- Augie
 - Html file designing
 - Css styling
- Xing Tao
 - Flask routing