

The Hamsters of Destiny - Noakai Aronesty, Hebe Huang, Annabel Zhang, Justin Zou
SoftDev
P01 -- The Hamster Wheel | Design Doc
2021-12-7

Templates:

Home Page (Logged in vs not logged in):

THE HAMSTER WHEEL	Home <Username> ▼
<p>Welcome <Username> (inspiring message)</p> <p>LOG OUT</p>	<p>Saved Profiles</p> <p>Profile Settings</p>
<p>Tell us what kind of profile you'd like!</p> <p>Choose your TEMPLATE! ▼</p> <p>Choose your GENRE! ▼</p> <p>How many FACTS would you like on your profile?</p> <p>GENERATE!</p>	

THE HAMSTER WHEEL	Home GUEST
<p>You are currently using this site as a guest. To save your generated profile, please log in or sign up.</p> <p>LOG IN SIGN UP</p>	
<p>Tell us what kind of profile you'd like!</p> <p>Choose your TEMPLATE! ▼</p> <p>Choose your GENRE! ▼</p> <p>How many FACTS would you like on your profile?</p> <p>GENERATE!</p>	

ProfilesTemplates

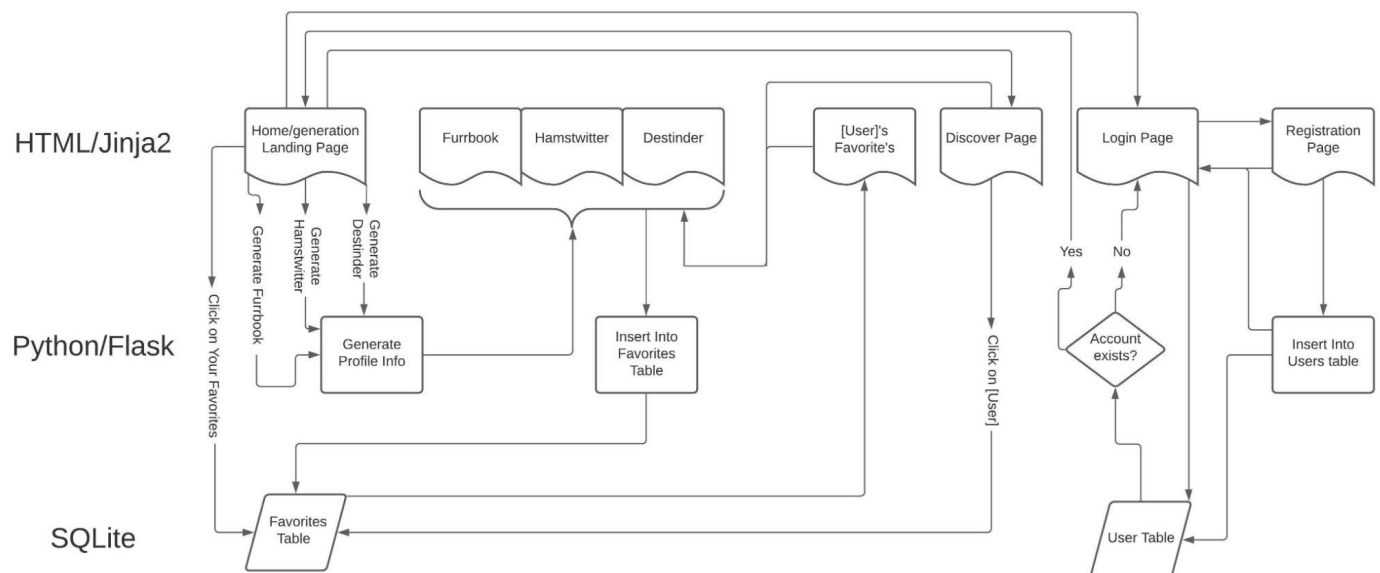
THE HAMSTER WHEEL	PROFILE <Username> ▼
<p><generated banner></p> <p><generated pfp></p> <p>Posts About Photos More</p> <div><p>INTRO</p><p>> From <city>, <state></p><p>> ...</p></div> <div><p>POST1</p><p><generated caption></p><p><generated image></p></div>	

THE HAMSTER WHEEL	PROFILE <Username> ▼
<p><generated banner></p> <p><generated pfp></p> <p>Tweets Media Likes</p> <div><p>TWEET1</p><p><generated caption></p><p><generated image></p></div>	<p><generated pfp></p> <p>Name</p> <p># Miles away</p> <p><generated description/bio></p>

Program Components:

- Templates
 - Home.html: Landing Page with a button that creates a profile. Has control panel that customizes what profiles come out
 - Profile.html: Page that contains and shows the randomized Profile
 - Login.html: Page users use to login
 - Register.html: Page users use to register
 - Discover.html: Page to find other users and profiles
- Flask App
 - “/”: Renders home.html
 - “/profile”: Handles the profile page
 - “/login”: Handles logging in
 - “/register”: Handles creating new users
 - “/discover”: Renders the discover page
- SQLite database
 - Users Table
 - Saved Profiles Table

Component Map:



Database Organization: (If login is implemented)

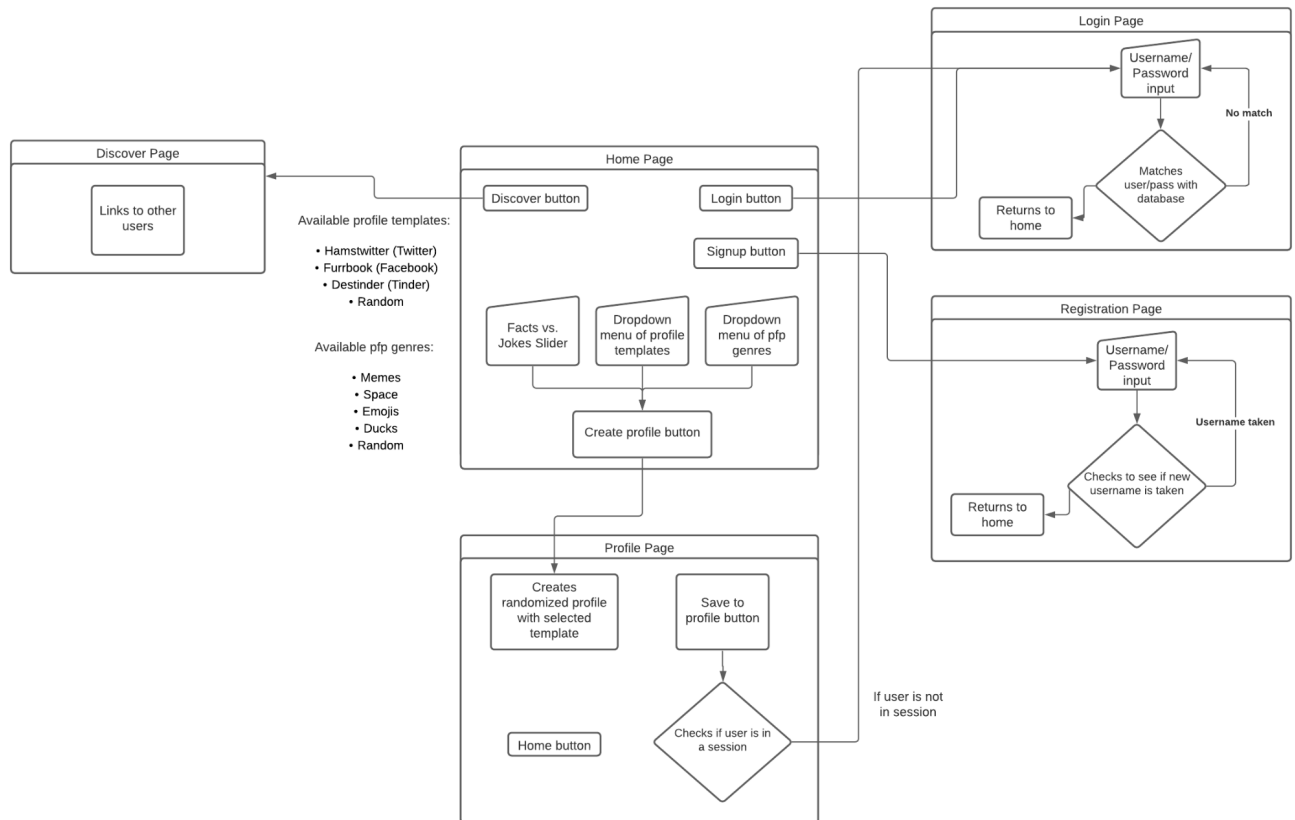
Users

Username	Password
<username1>	<password1>
<username2>	<password2>
...	...

Saved Profiles (optional)

Username	Saved Profiles
<username1>	<profile1info>
<username1>	<profile2info>
<username2>	<profile1info>
...	...

Site Map:



Task Division:

- Templates
 - Home.html (**Hebe, Justin**)
 - Login.html / Register.html (**Noakai**)
 - Discover.html (**Hebe**)
 - Profile.html (**Justin**)
 - Make sure each essential part of the profile is there (picture, bio, etc)
 - CSS / Bootstrap (**Noakai, Justin**)
- Python
 - Authentication (**Noakai**)
 - db communication (**Annabel**)
 - Slider for the different customization options (**Annabel, Hebe**)
 - html communication / display (**Noakai**)
 - Generate profiles (**Justin, Hebe**)
 - Taking information from the APIs and putting them on the profile
 - Different profiles based on Customization

Notes:

Revisit design doc requirements

Project Name: The Hamster Wheel (?) like a lottery wheel for randomized choosing

Ideas: (separate into reqs and nice to have)

- Randomize certain sections
- Preferences
- Control Panel:
 - Sliders that limit the randomizations
 - Different profiles based on website i.e facebook
 - Hamstwitter
 - Furrbook
 - Destinder
 - Possible option: User can perhaps put in their own information and then the profile is (partially) generated from that
- Saving the profile
- Maybe looking at other people's profiles
- Maybe add upvote profile feature

Random Profile Generator:

- The profile picture would be a picture from an animal api
- Could use HelloSalut api (returns "hi" in the user's language) to generate different language profiles?
- User can add parts to their profile
- Random Facts/ things that they like

Post-Mykolyk's message:

- Be able to randomize specific part of profile (aka only pfp or only "About" section for example) - noakai
- Save feature for profiles -> create account to save or download option

Possible Information APIs

- Tronald Dump
- Open Weather Map
- Geek Jokes
- Joke API
- Cat Facts
- Color API for CSS
- Open Food Facts

- PokeAPI maybe? (Returns everything about a Pokémon/item though)

Possible Picture APIs

- Imgflip
- NASA
- Emoji
- Random Duck

<https://www.page2images.com/Convert-HTML-to-Image-or-PDF-online-API> <- we could use this api to save profiles?

Potential Future Additions:

Downloading the Profile

Saving the preferences of each User