PPAPi (Presents Purchased And Presented ingeniously)
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Project 1: Presenting the Presence of Presents in the Present
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Project 1 Design Document

Summary

- A social site where users can connect with their friends, viewing their interests and Christmas present wishlists to shop (using Walmart) for the ideal gift for them.

Components

- Standard Header
  - Contains links to: Find Friends, My Wish List, Home, Edit Profile, Logout
  - Find Friends can become a drop-down menu to show friend requests
    - Pressing anywhere on drop-down menu redirects to Find Friends
- Login/Register
  - Two separate forms
  - Hashes passwords and stores in the database
  - Login
    - Flashes error messages if username not recognized or password incorrect
  - Register
    - Flashes error if username taken or passwords do not match
- Homepage
  - Standard Header
  - Displays all of user's friends with their most recently added wishes
  - Click on their names to go to their profiles
- Find Friends
  - Standard Header
  - Friend Requests: Displays the same as the drop down menu from Standard Header
  - Find New Friends: Search for friends by username or name, redirects to self
    - Results printed include name, username, age, gender, hobbies/interests
- Profile
  - Standard Header
  - Displays their basic information
    - Hobbies: links to Walmart's Search Queries based on keyword
  - If user's profile page:
    - "Add" button redirects to Add Wishes
    - "Remove" buttons next to each wish redirects to self
- Edit Profile

- ○ Standard Header
- ○ Can change password with confirm: Flashes error if passwords do not match
- ○ Can edit age, gender, hobbies/interests
- ○ Submit button redirects to home page
- ● Add Wish
  - ○ Standard Header
  - ○ Search for products by keywords, redirects to self
  - ○ Results printed include: link to purchase, picture, name of product and price
    - ■ "Submit" button to add to wish list, redirects to self
    - ■ Only products that are not already in the wish list
  - ○ Link to purchase redirects to Walmart's product page
- ● Product
  - ○ Standard Header
  - ○ Left side displays: picture, name, price, description, link to purchase
    - ■ Link to purchase redirects to Walmart's product page
  - ○ Right side displays: top 5 videos from YouTube's search for "<PRODUCT> reviews"

Database Schema

(database for each account)
.users

TEXT PRIMARY KEY username	TEXT password	TEXT name	INT age	TEXT gender	TEXT hobbies

(friends that user has) (friend would be the username of a friend of the user)
.friends

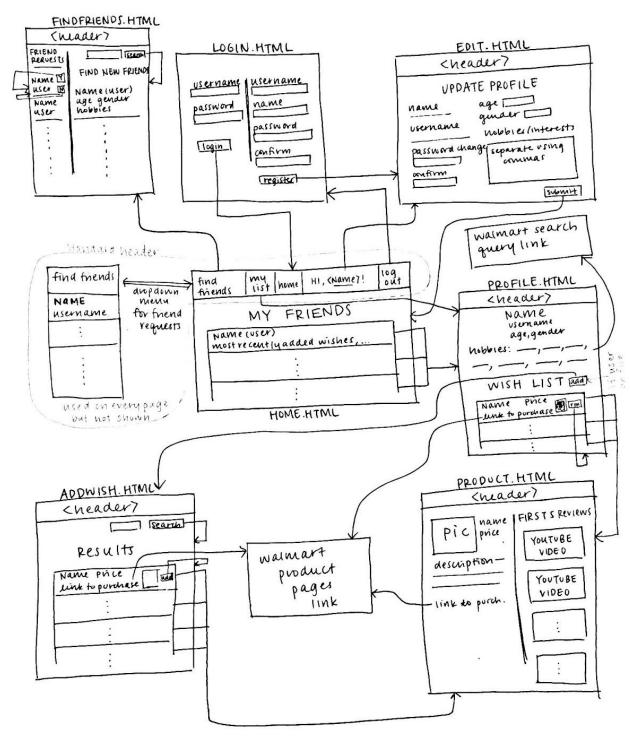| TEXT PRIMARY KEY username	TEXT PRIMARY KEY friend

(lists all of the products in a user's wish list) (name is name of product, id is id of product)
.products

TEXT PRIMARY KEY username	TEXT name	TEXT id

Routes

- /
  - login.html
  - Redirects to "/home" if logged in
  - Redirects to "/edit" if button for "register" is pressed
- /home
  - home.html
  - Button to "/friends"
  - Button to "/edit" the user's information
  - Button to "/profile" of the user
  - Button to accept friend requests. Goes back to "/home"
- /edit
  - edit.html
  - Redirects to "/" when submit button is pressed
    - Information about the user is added/updated in .users database
- /friends
  - Findfriends.html
  - Redirects to "/profile" of a friend when a link to the friend's profile is pressed
  - Redirects to "/friends" when search button is pressed
  - Redirects to "/friends" when friend request is accepted
    - Entry is added to .friends table
- /profile
  - profile.html
  - If viewing the user's own profile, button exists to direct user to "/add"
  - If there are products in the wishlist, pressing the product directs user to "/product"
    - Link to product page on Walmart also exists
- /add
  - Addwish.html
  - Search button redirects to "/add" with updated results
  - Add button redirects to "/add"
    - Entry is added to .products
  - Product directs you to /product
    - Link to product page on Walmart also exists
- /product
  - Product.html
    - Link to product page on Walmart also exists

Site Map

FINDFRIENDS.HTML
<header>

FRIEND REQUESTS | [search]

FIND NEW FRIENDS

Name user ☑
Name user

Name(user)
age, gender
hobbies

LOGIN.HTML

username | username
name
password | password
confirm
[login]
[register]

EDIT.HTML
<header>

UPDATE PROFILE

name | age [___]
gender [___]
username | hobbies/interests
password change | separate using commas
confirm
[submit]

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standard header

find friends | find friends | my list | home | HI, <NAME>! | log out

NAME username | dropdown menu for friend requests

used on every page but not shown

MY FRIENDS

Name (user)
most recently added wishes, ...

HOME.HTML

---

walmart search query link

PROFILE.HTML
<header>

NAME
username
age, gender

hobbies: ___, ___, ___,
___, ___, ___,

WISH LIST [add]

Name price | ☑ [rm]
link to purchase

as user or file

ADDWISH.HTML
<header>

[____] [search]

Results

Name price
link to purchase [add]

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walmart product pages link

PRODUCT.HTML
<header>

pic | name price | FIRST 5 REVIEWS

description ___

link to purch.

YOUTUBE VIDEO

YOUTUBE VIDEO

Additional Information
- Foundation

MVP

Project Element	Team Member
Basic Backend/Repo Setup	Ray
Login/Register + Database	Ray
Standard Header	Jackie
Home	Jackie
Edit Profile + Database	Jackie
Find Friends + Database	Philip
Add Wishes + Database	Max
Product + API	Max
Profile	Philip
Framework Div/CSS	Ray

Stretch
- Profile Pictures

Completed Stretches
- n/a...yet!