

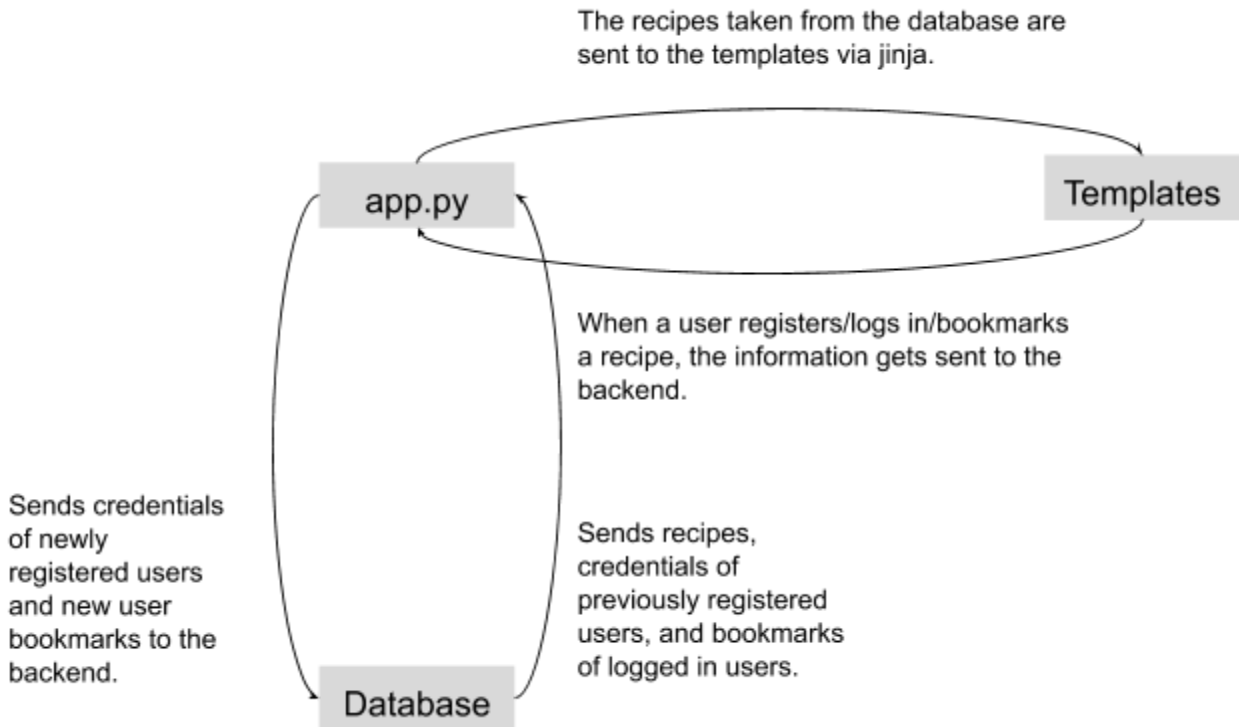
Team RIID: Dragos Lup, Ian Chen-Adamczyk, Ishita Gupta, Renee Mui

WIKI TOPIC: RECIPES FOR FOODS FROM DIFFERENT COUNTRIES

## Components

- SQLite database
  - Database will have three tables.
  - One table will contain username/passwords and will be used to verify credentials from the user and add information for new users. The second table will store bookmarks for registered users (id of recipe). The third table will store all the recipes and will be used to populate the templates.
  - We decided to use an additional table for bookmarks. By keeping two separate tables for two separate features, user logins and bookmarks, it is easier to maintain each feature without messing with the other feature. There is also no list data type in SQLite, so it is better to store each bookmark as an individual row in a separate table.
- app.py
  - Serve as the middleman between the database and templates. All information being sent/received by either will pass through the application.
- HTML templates
  - Index.html:
    - Home page. Link to each country's page that contains all recipes
    - Header for unregistered users: Search bar, Log in, Register
    - Header for registered users: Search bar, Bookmarks, Logout
  - Country.html
    - Lists all the recipes from country
  - Recipe.html:
    - There will be 1 recipe.html template that will be populated with data (recipe name, country, instructions) received from the database every time a user clicks on a recipe

## Component Visualization Map



## Tasks

- Database:
  - User Database: Dragos Lup
  - Recipe and Bookmarks Database: Renee Mui
- app.py: Ishita Gupta
- HTML templates: Ian Chen-Adamczyk

## Database Organization

- Users Table
  - Row for each user
  - Column for id, username, and password
  - Ex:

ID	Username	Password
0	user1	asdfghjkl

1	user2	zxcvbnm
---	-------	---------

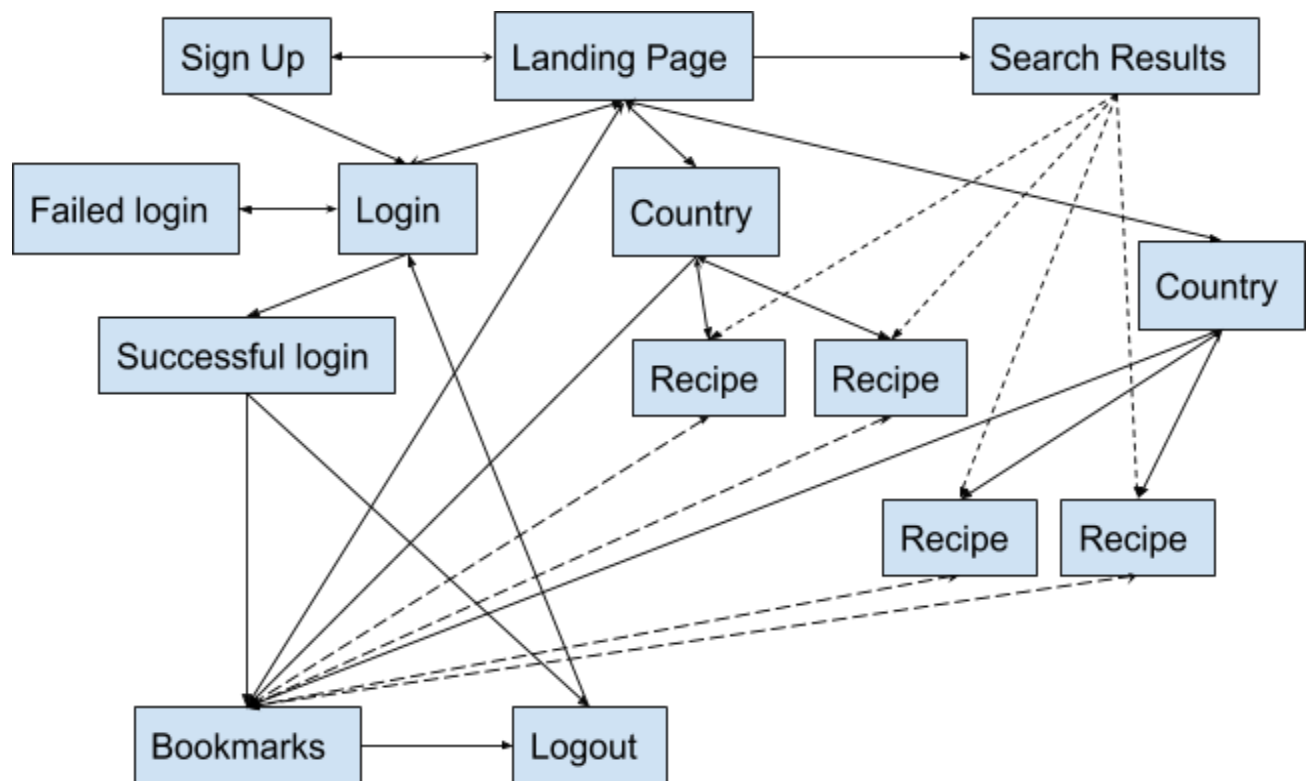
- Recipes Table
  - Row for each recipe
  - Column for id, url, name, country, instructions (stored as plain text)
  - Ex:

ID	URL	Name	Country	Recipe
0	china/fried-rice	Fried Rice	China	1. Fry rice.
1	usa/mac-and-cheese	Mac and Cheese	USA	1. Cook macaroni. 2. Mix into melted cheese.

- Bookmarks Table
  - Row for each bookmark
  - Column for id, user id, recipe id

ID	UserID	RecipeID
0	0	2
1	0	1
2	1	1
3	1	2

## Site Map for Frontend



### Notes:

- There will be more countries and recipes on our final site, but the layout will be the same as the two shown.
- The search results page will have links to any recipes that match the user's search.
- The bookmarks page has links to any recipes the user has bookmarked.

## Folder Organization

- app/
  - \_\_init\_\_.py
- static/
  - css/
- templates/
  - home.html
  - register.html
  - login.html
  - successful-login.html
  - failed-login.html
  - country.html
  - recipe.html

- bookmarks.html
  - search-results.html
  - header.html
    - Anon users: search bar, log in, register
    - Logged in users: search bar, bookmarks, logout
- design.pdf
- devlog.txt
- flag.jpg
- README.md
- requirements.txt