

NSA_Advice

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Framework:

FOUNDATION

Roles

Tyler: Back end

William: Project Manager

Coby: Back end

Hilary: Front end

APIs Used

FullContact: (Enrich API) <https://docs.fullcontact.com/?python#home>

Google Civic Information: <https://developers.google.com/civic-information/docs/v2/>

OpenWeatherMap: <https://openweathermap.org/api/>

Core Functionality:

Login system, and accounts that store user information

Return data collected through APIs like age range, gender, city, weather, job, and social media

Databases

Users

id	username	password
Integer	Text	Text

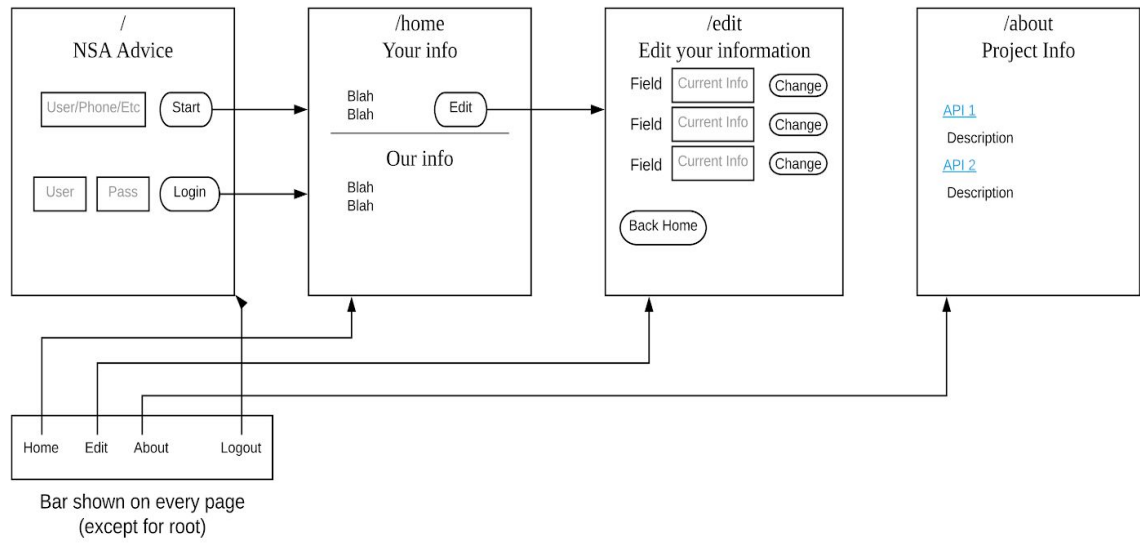
- Information used to keep track of accounts

Information

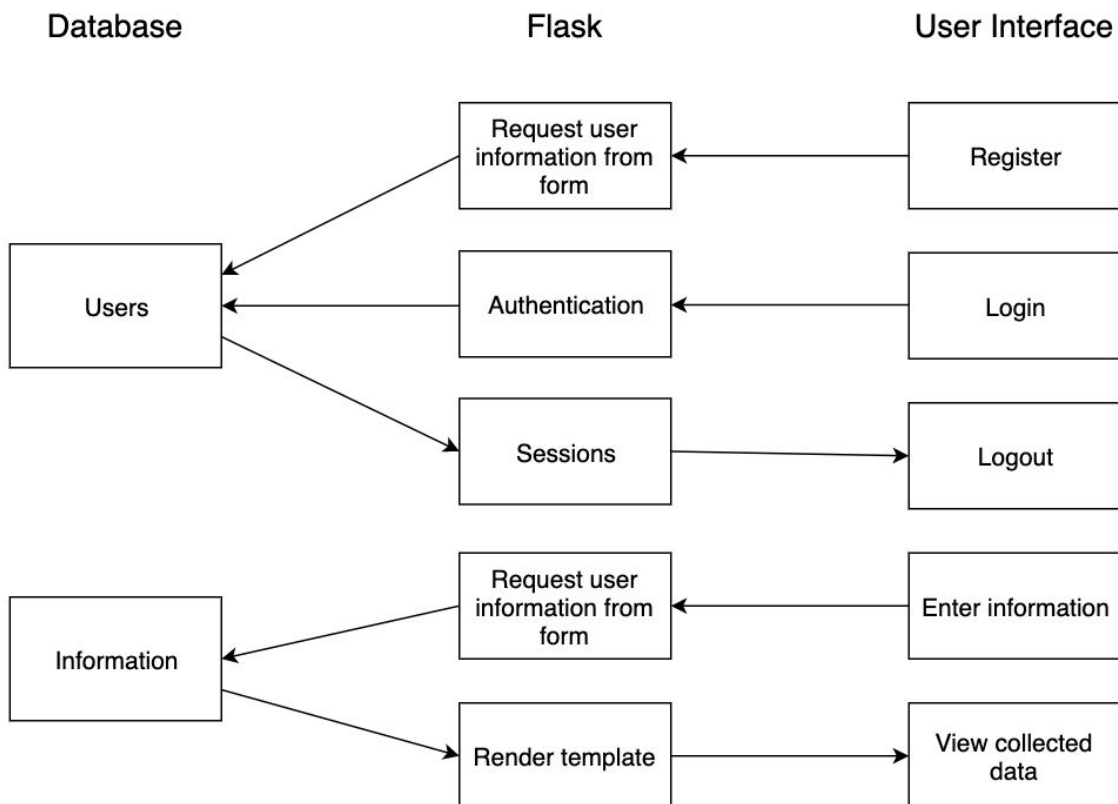
userID	firstName	lastName	email	phone	location	...
Integer	Text	Text	Text	Text	Text	...

- Stores the information that the user gives us, like their name and email, along with data that we collected through the APIs, like their age
- Not all fields are required. Blank fields will just have a NULL placeholder.

Site Map



Component Map



Task List

- Create pages for user to login and register (William)
- Set up authentication system (Tyler)
- Create form for user to enter information about themselves (William)
- Store info in database and use it in our three APIs (Coby)
- Build user's homepage, where they can view the data taken from the APIs (Hilary)
- Take the user's information from the database to the template (Tyler)
- Make a form for users to edit the information they have provided (Hilary)
- Update their changes in the database, using the APIs again (Coby)