

Charitable Status Report

FALL 2020: UPDATED BIWEEKLY

Veda Ashok, Sam Gibson, Bridget O'Connor, Rachel Nguyen, Krysten Tachiyama
CHARITABLE

WEEK 06

Accomplishments



- Completed mockups of web application using AdobeXD
- Built basic frontend with no functionality
- Set up and configured Auth0 for registration and login

Risk

- If Auth0 were to go down, registration and login will not work and may allow someone to register, but not actually register them in the system.
- Some parsed data might not have the same attributes as others.
- Data might take a long time to be entered into database

Schedule

TASK	WEEK ESTIMATED	WEEK COMPLETED/ PROJECTED	PROGRESS
Create Mockups of Our Site	Week 01	Week 01	
Build Basic Frontend	Week 03	Week 03	
Obtain and Parse Data	Week 04	Week 04	
Enter Data into Database	Week 05	Week 11	
Set up Signup/Login/Logout	Week 06	Week 06	
Set up GET Calls	Week 07	Week 07	
Set up POST Calls	Week 13	Week 14	
Set up Friend Function	Week 14	Week 14	
Implement Post Ability	Week 14	Week 14	
Integrate	Week 14	Week 14	
Test	Week 15	Week 15	
Deploy	Week 15	Week 15	

 Completed
  On Track
  Behind
  Not Started

Problems/Issues/Concerns

- Auth0 free trial only lasts 22 days
- Not sure the best way to structure our user data to hold friends, saved organizations, saved activities, and posts.

WEEK 08

Accomplishments

- Obtained and parsed data successfully for PostgreSQL database, but decided to change our database to document-centric.
- Reparsed data for MongoDB.
- Set up MongoDB database on Mongo Atlas.
- Began entering data into MongoDB database.
- Began planning post calls and post implementation such as profile updates and timeline posts.

Risk

- Document-centric database could be an issue later on when handling users connections to friends, organizations, and activities.
- The change in database format could set us back significantly.

Schedule

TASK	WEEK ESTIMATED	WEEK COMPLETED/ PROJECTED	PROGRESS
Create Mockups of Our Site	Week 01	Week 01	
Build Basic Frontend	Week 03	Week 03	
Obtain and Parse Data	Week 04	Week 08	
Enter Data into Database	Week 05	Week 08	
Set up Signup/Login/Logout	Week 06	Week 06	
Set up GET Calls	Week 07	Week 07	
Set up POST Calls	Week 13	Week 14	
Set up Friend Function	Week 14	Week 14	
Implement Post Ability	Week 14	Week 14	
Integrate	Week 14	Week 14	
Test	Week 15	Week 15	
Deploy	Week 15	Week 15	

 Completed
  On Track
  Behind
  Not Started

Problems/Issues/Concerns

- Auth0 22 day trial still an issue for development and testing since it erases all the user data when it resets.
- Not sure how well MongoDB will work with the social media aspect of the application.

WEEK 10

Accomplishments

- Set up organization, activity, and user collections in our database.
- Began querying data for search functionalities.
- Set up functionality for search and trending pages.
- Implemented functionality for saving organizations and activities (Not all queries complete).

Risk

- If we forget to renew Auth0, we could get locked out of our application.
- If our deployment engine, Vercel, crashes, our website crashes.
- Search Page filters might be initially confusing from user perspective.

Schedule

TASK	WEEK ESTIMATED	WEEK COMPLETED/ PROJECTED	PROGRESS
Create Mockups of Our Site	Week 01	Week 01	
Build Basic Frontend	Week 03	Week 03	
Obtain and Parse Data	Week 04	Week 08	
Enter Data into Database	Week 05	Week 08	
Set up Signup/Login/Logout	Week 06	Week 06	
Set up GET Calls	Week 07	Week 12	
Set up POST Calls	Week 13	Week 14	
Set up Friend Function	Week 14	Week 14	
Implement Post Ability	Week 14	Week 14	
Integrate	Week 14	Week 14	
Test	Week 15	Week 15	
Deploy	Week 15	Week 15	

 Completed
  On Track
  Behind
  Not Started

Problems/Issues/Concerns

- Structuring our data has been a little difficult with it being document-centric.
- Might not have enough time to complete all features because of database setback.
- GlobalGiving has been a little difficult to work with in regard to activity links not allowing multiple simultaneous visits.

WEEK 12

Accomplishments

- Built fully-functioning frontend.
- Set up our skeleton API using Next.js to hit MongoDB.
- Wrote all necessary search queries; implemented fully functioning search page.

Risk

- If Auth0 has trouble, users may be locked out of their accounts.
- If the GlobalGiving API goes down, our trending page will be empty.
- If MongoDB API goes down, our app will lose all functionality except for logging in and viewing the Trending Page.
- If our host, Vercel, goes down....we do not have a website.
- The profile page may be confusing to navigate.

Schedule

TASK	WEEK ESTIMATED	WEEK COMPLETED/ PROJECTED	PROGRESS
Create Mockups of Our Site	Week 01	Week 01	
Build Basic Frontend	Week 03	Week 03	
Obtain and Parse Data	Week 04	Week 04	
Enter Data into Database	Week 05	Week 11	
Set up Signup/Login/Logout	Week 06	Week 06	
Set up GET Calls	Week 07	Week 12	
Set up POST Calls	Week 13	Week 14	
Set up Friend Function	Week 14	Week 14	
Implement Post Ability	Week 14	Week 14	
Integrate	Week 14	Week 14	
Test	Week 15	Week 15	
Deploy	Week 15	Week 15	

 Completed
  On Track
  Behind
  Not Started

Problems/Issues/Concerns

- Schedule shifted due to changing database
- The async nature of the API calls/ re-rendering of the pages have been difficult to navigate.
- There are issues in the data; GlobalGiving prevents users from visiting links more than once (GlobalGiving is not as giving as we thought)
- We need to make new Auth0 accounts every 22 days – user accounts can only last for 22 days

WEEK 14

Accomplishments

- Fully implemented GET calls (Saved organizations and activities, friends that a user is following, search engine).
- Fully implemented POST functionalities.
- Successfully implemented follow/unfollow functionality.

Risk

- Auth0 still poses risk of locking developers out of their accounts.
- If any API we use (MongoDB, GlobalGiving) does down, our applications functionality will not succeed.

Schedule

TASK	WEEK ESTIMATED	WEEK COMPLETED/ PROJECTED	PROGRESS
Create Mockups of Our Site	Week 01	Week 01	
Build Basic Frontend	Week 03	Week 03	
Obtain and Parse Data	Week 04	Week 08	
Enter Data into Database	Week 05	Week 08	
Set up Signup/Login/Logout	Week 06	Week 06	
Set up GET Calls	Week 07	Week 12	
Set up POST Calls	Week 13	Week 14	
Set up Friend Function	Week 14	Week 14	
Implement Post Ability	Week 14	Week 14	
Integrate	Week 14	Week 14	
Test	Week 15	Week 15	
Deploy	Week 15	Week 15	

 Completed
  On Track
  Behind
  Not Started

Problems/Issues/Concerns

- We need to make new Auth0 accounts every 22 days – user accounts can only last for 22 days