# 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 | Completed |
| Build Basic Frontend | Week 03 | Week 03 | Completed |
| Obtain and Parse Data | Week 04 | Week 04 | On Track |
| Enter Data into Database | Week 05 | Week 11 | On Track |
| Set up Signup/Login/Logout | Week 06 | Week 06 | Completed |
| Set up GET Calls | Week 07 | Week 07 | Not Started |
| Set up POST Calls | Week 13 | Week 14 | Not Started |
| Set up Friend Function | Week 14 | Week 14 | Not Started |
| Implement Post Ability | Week 14 | Week 14 | Not Started |
| Integrate | Week 14 | Week 14 | Not Started |
| Test | Week 15 | Week 15 | On Track |
| Deploy | Week 15 | Week 15 | On Track |

● 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 | Completed |
| Build Basic Frontend | Week 03 | Week 03 | Completed |
| Obtain and Parse Data | Week 04 | Week 08 | Behind |
| Enter Data into Database | Week 05 | Week 08 | Behind |
| Set up Signup/Login/Logout | Week 06 | Week 06 | Completed |
| Set up GET Calls | Week 07 | Week 07 | Behind |
| Set up POST Calls | Week 13 | Week 14 | Not Started |
| Set up Friend Function | Week 14 | Week 14 | Not Started |
| Implement Post Ability | Week 14 | Week 14 | On Track |
| Integrate | Week 14 | Week 14 | Not Started |
| Test | Week 15 | Week 15 | On Track |
| Deploy | Week 15 | Week 15 | On Track |

● 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 | Completed |
| Build Basic Frontend | Week 03 | Week 03 | Completed |
| Obtain and Parse Data | Week 04 | Week 08 | Completed |
| Enter Data into Database | Week 05 | Week 08 | Completed |
| Set up Signup/Login/Logout | Week 06 | Week 06 | Completed |
| Set up GET Calls | Week 07 | Week 12 | Behind |
| Set up POST Calls | Week 13 | Week 14 | Not Started |
| Set up Friend Function | Week 14 | Week 14 | Not Started |
| Implement Post Ability | Week 14 | Week 14 | On Track |
| Integrate | Week 14 | Week 14 | Not Started |
| Test | Week 15 | Week 15 | On Track |
| Deploy | Week 15 | Week 15 | On Track |

● 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 | Completed |
| Build Basic Frontend | Week 03 | Week 03 | Completed |
| Obtain and Parse Data | Week 04 | Week 04 | Completed |
| Enter Data into Database | Week 05 | Week 11 | Completed |
| Set up Signup/Login/Logout | Week 06 | Week 06 | Completed |
| Set up GET Calls | Week 07 | Week 12 | Behind |
| Set up POST Calls | Week 13 | Week 14 | Behind |
| Set up Friend Function | Week 14 | Week 14 | On Track |
| Implement Post Ability | Week 14 | Week 14 | On Track |
| Integrate | Week 14 | Week 14 | On Track |
| Test | Week 15 | Week 15 | On Track |
| Deploy | Week 15 | Week 15 | On Track |

● 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 | Completed |
| Build Basic Frontend | Week 03 | Week 03 | Completed |
| Obtain and Parse Data | Week 04 | Week 08 | Completed |
| Enter Data into Database | Week 05 | Week 08 | Completed |
| Set up Signup/Login/Logout | Week 06 | Week 06 | Completed |
| Set up GET Calls | Week 07 | Week 12 | Completed |
| Set up POST Calls | Week 13 | Week 14 | Completed |
| Set up Friend Function | Week 14 | Week 14 | Completed |
| Implement Post Ability | Week 14 | Week 14 | Completed |
| Integrate | Week 14 | Week 14 | On Track |
| Test | Week 15 | Week 15 | On Track |
| Deploy | Week 15 | Week 15 | On Track |

⬤ 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.

# WEEK 16

## Accomplishments

- Integrated functionalities with frontend
- Fixed bugs found in queries and in page navigation after following another user
- Fixed privacy issue in follow request

## Risk

- Site has not been reviewed for privacy; privacy issues in following other people and account security.
- Risk losing access to our website if new Auth0 account is not made in time.

## Schedule

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

⬤ Completed    ⬤ On Track    ⬤ Behind    ⬤ Not Started

## Problems/Issues/Concerns

- Auth0 22-day expiration issue still remains. May decide to get funding for project moving forward.