SW Engineering CSC648/848 FALL 2020

Let's Donate

https://letsdonate.xyz/

Team 3
Milestone 5 v1

December 10, 2020

Team Lead: Himanshu Garg (hgarg@mail.sfsu.edu)

Front-End Lead: Milo Abril (mabril0526@gmail.com)

Back-End Lead: Marlon Bustamante (mbustama@mail.sfsu.edu)

Github Master: Suman Basaula (Sbasaula@mail.sfsu.edu)

Database Manager: Dipendra Dhoj Rana (drana1@mail.sfsu.edu)

Full Stack Developer: Kunyu Ruan (kruan1@mail.sfsu.edu)

Date	Version
Dec 17, 2020	Milestone 5
Dec 17, 2020	Milestone 4, v2
Dec 10, 2020	Milestone 4, v1
Nov 30, 2020	Milestone 3, v2
Nov 19, 2020	Milestone 3, v1
Nov 12, 2020	Milestone 2 v2
Oct 29, 2020	Milestone 2 v1
Oct 8, 2020	Milestone 1 v2
Oct 1, 2020	Milestone 1 v1

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Product Summary

San Francisco is one of the most expensive cities to live in throughout the world. The housing and furniture prices are high and can be almost non-affordable for most. In addition to that, there are many other expenses like hospital bills or insurance and there are almost no options available to the public that can help with this pricey lifestyle. Hence there is definitely a need for a support service where any individual can get at least some of the essentials like furniture and financial support from people with some privileges.

Let's Donate comes to the rescue to provide support to the people in need of daily use products for free along with some financial support to get help during difficult times. We at Let's Donate will build a community that revolves around helping people in need.

While Let's Donate strives to be completely free compared to the competition, to guarantee the longevity of the product, there will be a number of ways that we can obtain income. To ensure that our product is not taken advantage of, users will have a monthly limit of claiming five instances of support whether it be a physical item or monetary donation. If a user would like to be able to accept more support in a given month, there will be a fee that will lift that limit for the month. Another way to ensure the financial support for the product would be through monetary donations that users can give directly to Let's Donate. When a user provides financial support to someone in need, they will also have the option to donate to Let's Donate. In addition to a pay-off to receive more products and accepting donations, with enough traction, Let's Donate may also use advertising from other businesses to gain revenue. Doing so can guarantee that Let's Donate can continue to operate.

Uniqueness:

Let's Donate is the only app promoting fundraisers and donation of products like table, chair, etc under the same roof with the service of direct communication facility with the donor. Apps like Facebook, Craigslist are filled with lots of overpriced used products. Our goal is to eliminate the wastage of products which are in good condition and otherwise would have been thrown away and we also focus on raising money for people in need.

Product Features:

Guests:
1. Guests shall be able to register themselves in the website
2. Guests shall be able to create their own accounts
3. Guests shall be able to become users
4. Guests shall be able to browse donations and fundraisers
5. Guests shall be able to view donations page
6. Guests shall be able to view fundraisers page
7. Guests shall be able to view user profiles
8. Guests shall be able to view other user posting history

Users:
1. Users shall be able to login to the website
2. Users shall have a username
3. Users shall have a password.
4. Users shall be given an editable profile
5. Users shall be able to edit their user page
6. Users shall be able to set up their profile picture
7. Users shall be able to see other people's current posts
8. Users shall be able to visit their profile
9. Users shall be able to view their current posts

10. Users shall be able to reset their password

11. Users shall be able to shop

12. Users shall be able to search browse items

13. Users shall be able to direct message other users

14. Users shall able to search items by name

15. Users shall able to endorse fundraisers

16. Users shall be able to make payments

17. Users shall be able to place items up for donation.

18. Users shall be able to set up description of items for donation

19. Users shall be able to remove their own product posts

20. Users shall be able to remove their own fundraiser posts

21. Users shall be able to delete their own profile

22. Users shall be able to log out of the website

23. Users shall be able to see terms and condition of app while signing up

24. User shall sign up only after accepting terms and conditions

Website:

1. The website shall be regularly updated regarding items.

2. The Website shall update whenever a new post is made.

3. The website shall be regularly updated regarding history.

Administrator:

1. Administrators shall have the ability to ban users from using features of the website

2. Administrators shall be able to delete the spam items.

3. Administrators shall be able to remove posted items.

4. Administrators shall be able to remove posted fundraisers.

Product Url:

https://letsdonate.xyz/

Screenshots of Product
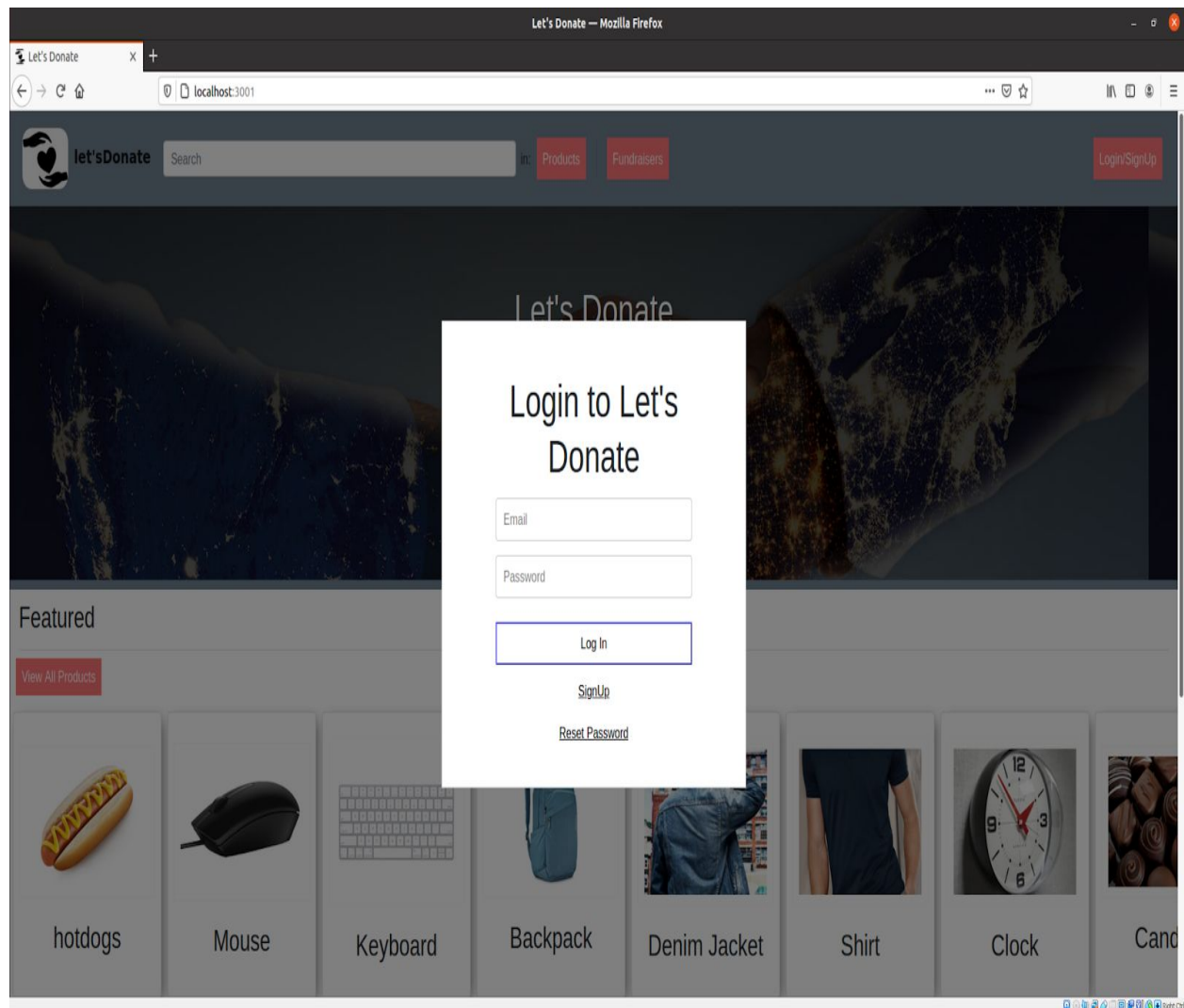
Let's Donate

localhost:3001/register

80%

let'sDonate   Search   in: Products   Fundraisers   Login/SignUp

Sign Up to Let's Donate

Name

John Smith

Email

Enter Email

Zip Code

Enter Zip Code

Password

Enter Password

Confirm Password

Comfirm Password

Profile Image:
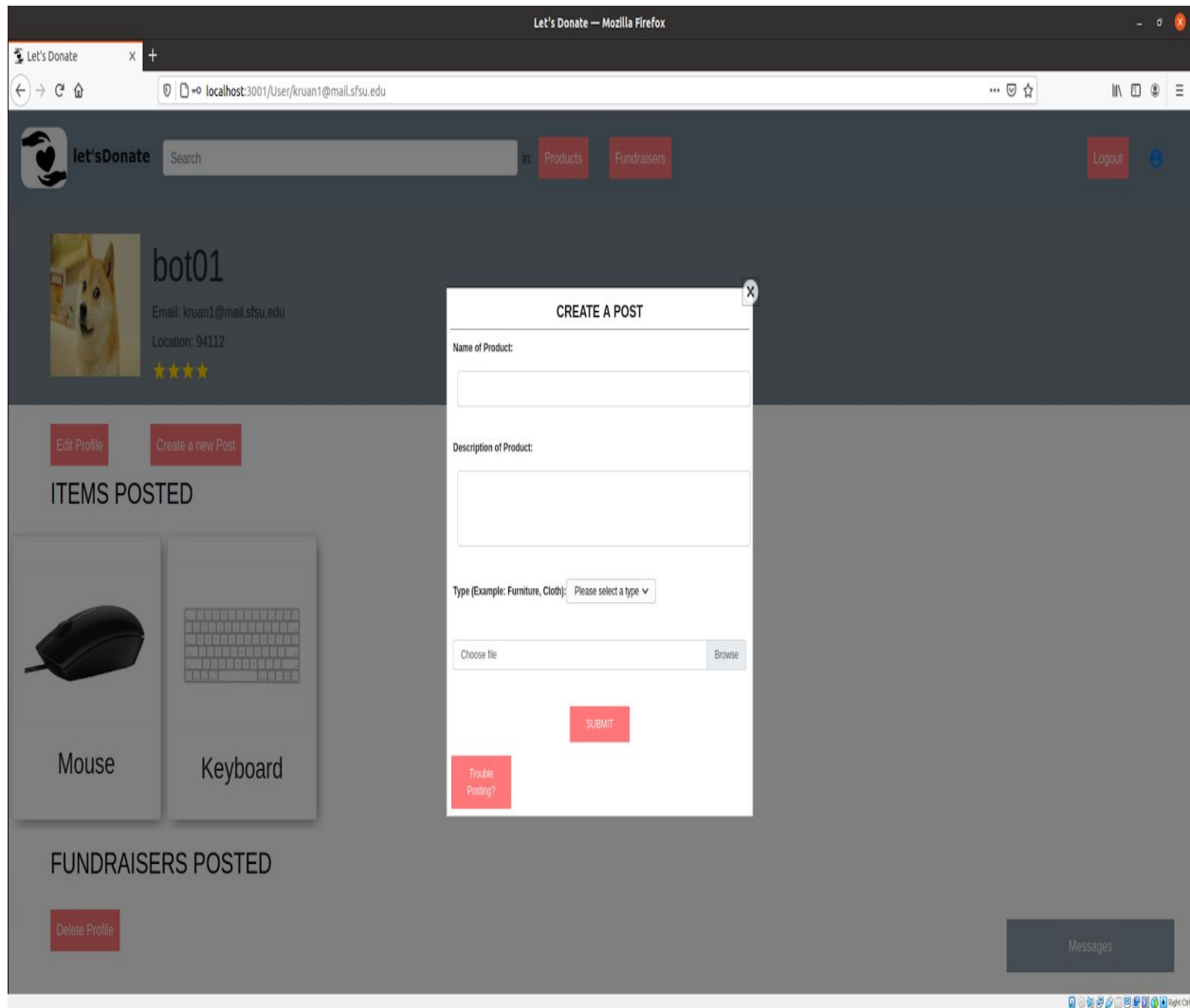
Browse…   No file selected.

Recovery Questions
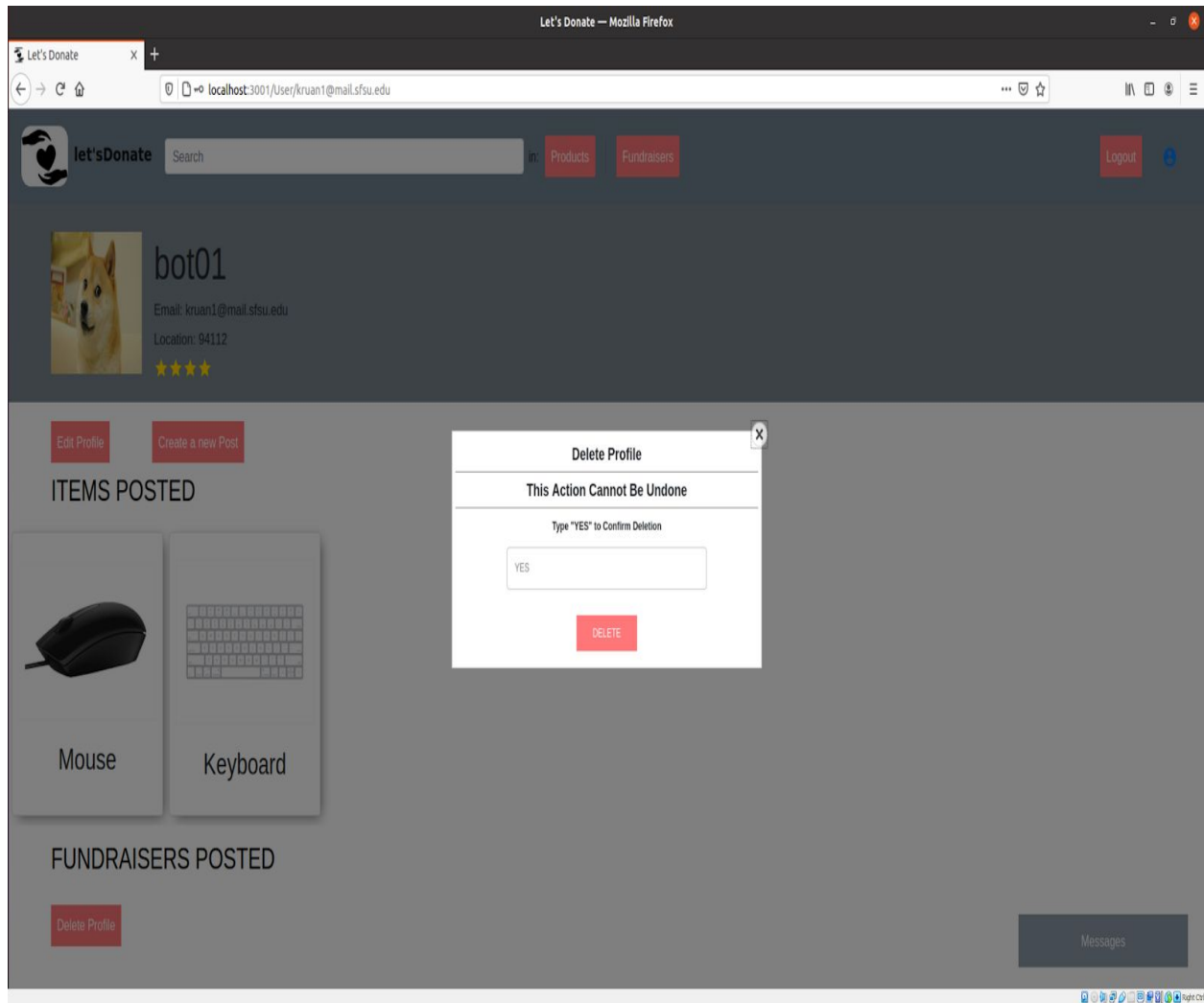
What is your mother's maiden name?
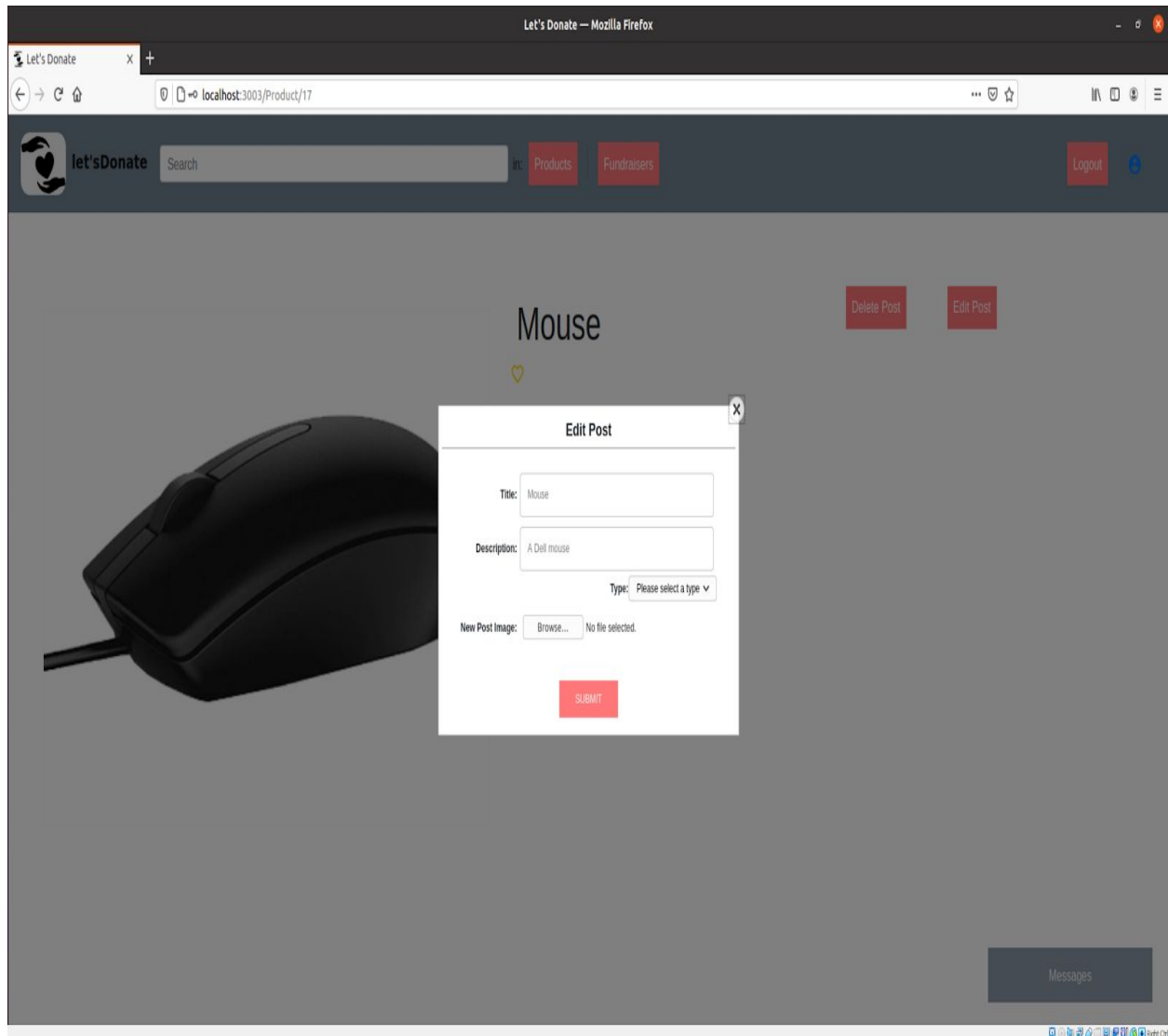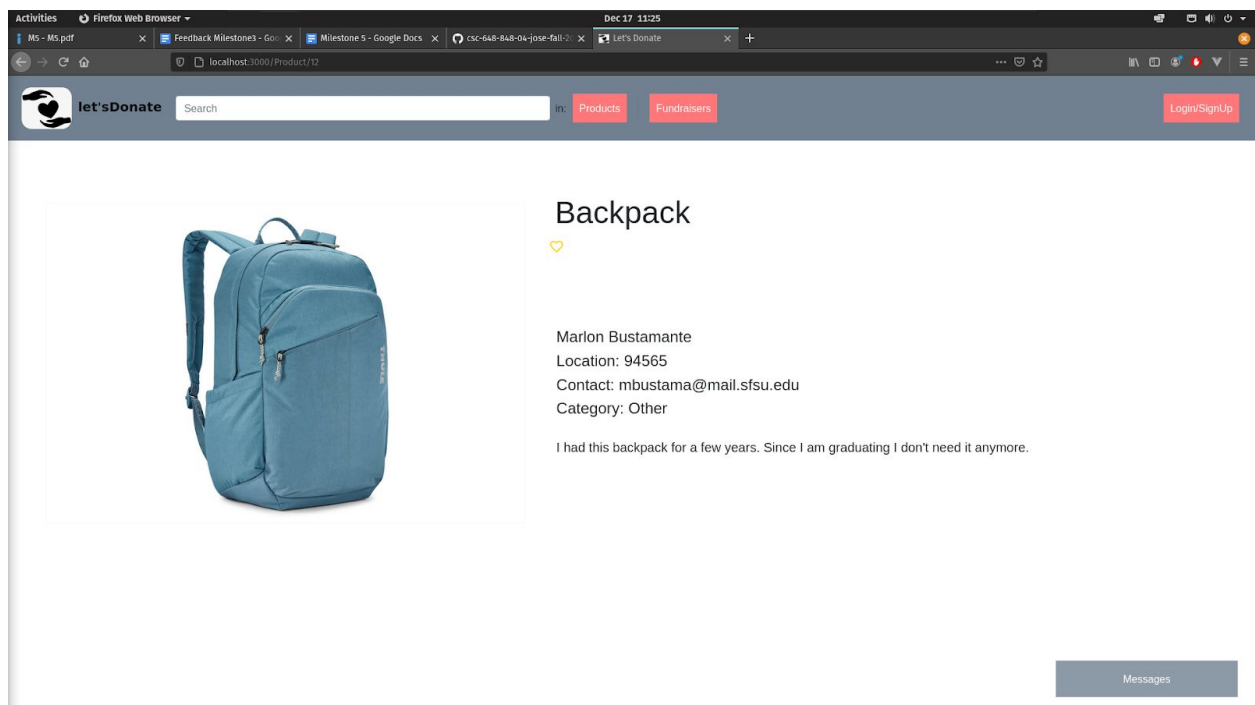
Smith

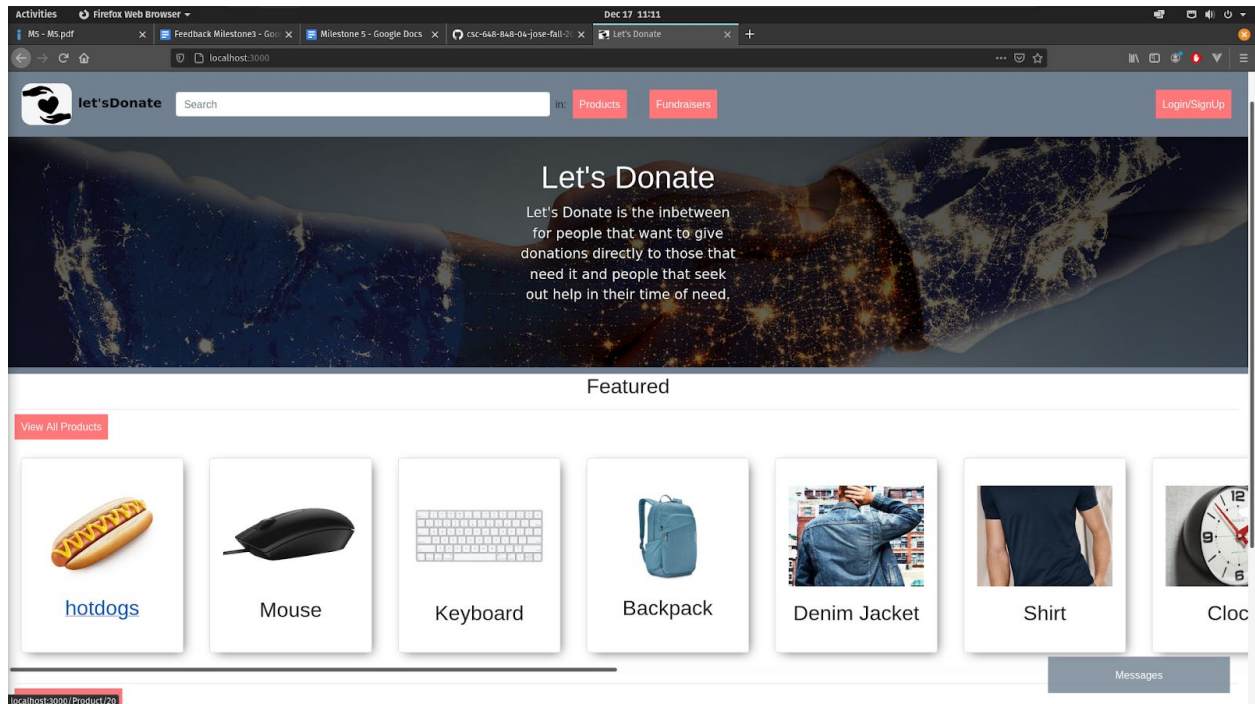**What is the name of your childhood pet?**

Fido

Sign Up

Let's Donate

localhost:3001/User/kruan1@mail.sfsu.edu

let'sDonate

Search

in: Products Fundraisers

Logout

bot01

Email: kruan1@mail.sfsu.edu

Location: 94112

★★★★

Edit Profile   Create a new Post

ITEMS POSTED

Mouse   Keyboard

FUNDRAISERS POSTED

Delete Profile

CREATE A POST

Name of Product:

Description of Product:

Type (Example: Furniture, Cloth): Please select a type ⌄

Choose file   Browse

SUBMIT

Trouble
Posting?

Messages

Let's Donate   ×   +

localhost:3001/User/kruan1@mail.sfsu.edu

let'sDonate   Search   in: Products   Fundraisers   Logout

bot01

Email: kruan1@mail.sfsu.edu

Location: 94112

★★★★

Edit Profile   Create a new Post

ITEMS POSTED

Delete Profile

This Action Cannot Be Undone

Type "YES" to Confirm Deletion

YES

DELETE

Mouse   Keyboard

FUNDRAISERS POSTED

Delete Profile

Messages

let'sDonate

Search

in: Products Fundraisers

Logout

Mouse

Delete Post   Edit Post

♡

Edit Post

Title: Mouse

Description: A Dell mouse

Type: Please select a type ▾

New Post Image: Browse...   No file selected.

SUBMIT

Messages

Screenshots of key DB tables

Database tables from MySQL Workbench
Fundraisers table

```
1  •   SELECT * FROM letsDonate.fundraisers;
2  •   INSERT INTO fundraisers (title, description, fundType, requiredAmount, image, endorsement, owner)
3      VALUES ('Test', 'Money required for the hospital and medicine expenses.', 'Other', '15000', 'https://csc648images.s3.us-west-1.amazonaws.com/trave
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

id	title	description	fundType	requiredAmount	image	endorsement	owner
1	College Expenses	Unable to pay tuition fees. Need money to pay ...	Education	5000	https://csc648images.s3.amazonaws.com/colle...	2	mbustama@mail.sfsu.edu
2	Emergency travel	My grandma unexpectedly became ill. I need to ...	Other	1500	https://csc648images.s3.us-west-1.amazonaws...	1	mbustama@mail.sfsu.edu
6	My Dog is Hurt	i need money to pay for doge's operations	Medical	500	https://csc648images.s3.amazonaws.com/exte...	0	t2@mail.abc
7	Need help with groceries	We've been having a very difficult time this yea...	Community	250	https://csc648images.s3.amazonaws.com/pexe...	0	mbustama@mail.sfsu.edu
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Products table

```
1  •   SELECT * FROM letsDonate.products;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

id	name	description	productType	productImage	owner
1	Shoes	I only wore these shoes a few times.	Clothes	https://csc648images.s3.amazonaws.com/shoe...	mbustama@mail.sfsu.edu
3	Shoes3	I only wore these shoes a few times.	Clothes	https://csc648images.s3.amazonaws.com/shoe...	mbustama@mail.sfsu.edu
4	Table	A One year old table. Good condition, contact if...	Furniture	https://csc648images.s3.us-west-1.amazonaws...	john@sfsu.edu
5	Chair	A chair I bought 6 months back. In great conditi...	Furniture	https://csc648images.s3.us-west-1.amazonaws...	john@sfsu.edu
6	Jacket	A free gap jacket I got in a sale. Feel free to re...	Clothes	https://csc648images.s3.us-west-1.amazonaws...	john@sfsu.edu
7	Jeans	Bought this non-returnable jeans with wrong siz...	Clothes	https://csc648images.s3.us-west-1.amazonaws...	john@sfsu.edu
8	Candies	Got bulk of candies in a sale. Willing to share it ...	Food	https://csc648images.s3.us-west-1.amazonaws...	john@sfsu.edu
9	Clock	Found this clock down my apartment. Minor scr...	Other	https://csc648images.s3.us-west-1.amazonaws...	john@sfsu.edu
10	Shirt	A shirt I bought one year ago. Doesn't fit mw n...	Clothes	https://csc648images.s3.us-west-1.amazonaws...	leo@sfsu.edu
11	Denim Jacket	A denim jacket I bought 2 years back. In great ...	Clothes	https://csc648images.s3.us-west-1.amazonaws...	leo@sfsu.edu
12	Backpack	I had this backpack for a few years. Since I am ...	Other	https://csc648images.s3.amazonaws.com/back...	mbustama@mail.sfsu.edu
NULL	NULL	NULL	NULL	NULL	NULL

Users table

```
1  •   SELECT * FROM letsDonate.users;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

id	name	email	zipcode	password	userImage	recovery1	recovery2	claimedProducts
1	Marlon Bustamante	mbustama@mail.sfsu.edu	94565	$2a$10$f5C1FsTsONU.O..oAhL.3.nd7.GlM5GEuoEvwrzCd9f.GFvv...	https://csc648imagesbucket.s3-us-west-1...	Smith	Fido	0
3	Test	test1@mail.com	94565	$2a$10$of8Gf3LgnNxLa/.bRQRNSeKid/dmpEC5jO55OVma5z828T...	undefined	Smith	Fido	0
4	Jack	ja@sfsu.edu	94132	$2a$10$fChFb.zopRQ921SS/NIL5.BbY5OBeJZjCUHZ/KXpbzyJRTJ...	undefined	Smith	Fido	0
5	John	john@sfsu.edu	94132	$2a$10$YEjQDE2gWchFCgtrJCqt1eIRSQg/bU.yA1kMDSwC8UzUd...	https://csc648images.s3.amazonaws.com/j...	Cena	Fido	0
6	Leo	leo@sfsu.edu	94132	$2a$10$x//uaHUlZAmamZ/mg5Cr8ePvlCO43bzwxIWKx1W2tBRI6...	https://csc648images.s3.us-west-1.amazo...	Decaprio	Fido	0
7	tester1	t1@mail.abc	111111	$2a$10$O1AmDtMlAz9iY2jqfFJXM.RQ9d9a/LQdOhhN1AyCO7dt0F...	undefined	test1	test2	0
10	Test2	test2@mail.com	12345	$2a$10$d2tM2496wbWCvb4q8rTCdeog93JF19HsJ./jbuFU0MtQs...	undefined	brown	bingo	0
11	test3	t2@mail.abc	111112	$2a$10$JX7oiTZWEmZ0u8/Cd0WYQ.Ns81YhQv29KsyLiMNCiwmZT...	undefined	t3	t4	0
13	Administrator	admin@admin.com	12345	$2a$10$vFiza937LTFW/zeVJtz28ORPCJXzf/aPZpTKgFodGRzXKiOF...	https://csc648images.s3.amazonaws.com/...	Admin	Admin	0
14	bot01	kruan1@mail.sfsu.edu	94565	$2a$10$Tt4CZ9aP8eC5MD9MX361fuE9jLcslKDVBpTVpPlK03wv4cA...	https://csc648images.s3.amazonaws.com/...	mother	pet	0
15	sunny	nanavatisunny@gmail.com	94132	$2a$10$N9bSHfwQ9T/XbyZM/4Dyre0bXHiBFH10UUwnJ0h98/6L1Z...	undefined	rajgor	shera	0
17	test3	test3@mail.com	12345	$2a$10$wRcjPEB/s0BOjBs4gco/weqKwY6tEKKShvxLKioA37e34JA...	undefined	Smith	Fido	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Chat table

id	room	message
1	Marlon Bustamante	John: Hello
2	Marlon Bustamante	Leo: Hello John
3	Marlon Bustamante	John: Hello
4	Marlon Bustamante	John: Hello
5	Marlon Bustamante	John: heyt
6	Marlon Bustamante	John: How are you
7	Marlon Bustamante	John: Hey
8	Administrator	sunny : hey!
9	Marlon Bustamante	John: Hi
10	Marlon Bustamante	John: What are you doing?
11	Test	John: Hey Test
12	Jack	John: Hey Jack
13	John	John: Hey John
14	John	John: Ho are you?
15	Marlon Bustamante	John: Hey, how are you
16	Leo	John: Hey leo, how are you
17	Leo	John: I am good, how are you?
18	Leo	Leo: Hey, John How are you
NULL	NULL	NULL

Database creation from source code

```javascript
config.connect(function(fault){
    if(!fault){
        console.log("Connected");
        config.query("Create Database if not exists letsDonate;");
        config.query("USE letsDonate;", function (e, r, f) {});

        // creates products table
        config.query("CREATE TABLE IF NOT EXISTS products("+
                    "id int NOT NULL AUTO_INCREMENT, " +
                    "name varchar(30), " +
                    "description varchar(255), " +
                    "productType varchar(30), " +
                    "productImage varchar(255), " +
                    "owner varchar(255), " +
                    "PRIMARY KEY (id) );",
                function(e,r,f){console.log(e)});

        // creates fundraisers table
        config.query("CREATE TABLE IF NOT EXISTS fundraisers("+
                    "id int NOT NULL AUTO_INCREMENT, " +
                    "title varchar(30) NOT NULL, " +
                    "description varchar(255) NOT NULL, " +
                    "requiredAmount varchar(30) NOT NULL," +
                    "image varchar(255) NOT NULL, "+
                    "endorsement int NOT NULL, "+
                    "owner varchar(255), " +
                    "PRIMARY KEY (id) );",
                function(e,r,f){console.log(e)});

        // creates users table
        config.query("CREATE TABLE IF NOT EXISTS users("+
                    "id int NOT NULL AUTO_INCREMENT, " +
                    "name varchar(30) NOT NULL, " +
                    "email varchar(255) NOT NULL, " +
                    "zipcode varchar(30) NOT NULL, "+
                    "password varchar(255) NOT NULL, "+
                    "userImage varchar(255) NOT NULL, "+
                    "recovery1 varchar(255) NOT NULL, "+
                    "recovery2 varchar(255) NOT NULL, "+
                    "claimedProducts int NOT NULL, "+
                    "PRIMARY KEY (id) );",
                function(e,r,f){console.log(e)});

    }else{
        console.log("Not Connected", fault);
        return;
    }
}
```

Task Management

- ❏ Modify UI to look like the Mock Ups
    - ❏ Forms [Kunyu]
    - ❏ ~~Home/Landing Page [Milo]~~
    - ❏ Fundraisers Page[Himanshu]
    - ❏ ~~Products Page [Milo]~~
    - ❏ User Dashboard [Kunyu]
    - ❏ Item Post [Suman]
    - ❏ Fundraiser Post [Himanshu]

- ❏ Add chat component to be used for all pages (doesn't have to be connected to back end yet) [Milo and Himanshu]
    - ❏ ~~show messages and users that wrote them~~
    - ❏ take input to add to messages (partially)
    - ❏ add tabs to switch message chains (partially)

- ❏ adjust images so they don't stretch (mentioned by Prof) [SUMAN]
    - ❏ have a fixed width for each one without changing the layout of the cards, posts they're in

- ❏ Connect to backend
    - ❏ ~~Sign up creates new user [Marlon]~~
    - ❏ ~~product post creates a new post [Himanshu]~~
    - ❏ ~~fundraiser post creates a new post [Himanshu]~~
    - ❏ product edit edits an existing post [Kunyu]
    - ❏ fundraiser edit edits an existing post [Himanshu]

- ❏ Recognize sessions - the server needs to recognize if a user is logged in or not [Milo & Marlon] (partially done, need to work for all pages, not just navbar) (in Progress)

- ❏ then adjust pages and components to follow conditions if a session is a registered user [Milo & Marlon] (partially done, need to work for all pages, not just navbar)

- ❏ ~~Handle different product pages (i.e. if a user refreshes a product post page, they should still be on that page. Other sites like Youtube or Amazon)~~

Marlon Bustamante 4:05 PM
Here's some things we need to get done.

- Login/Signup
- Fundraiser Table
- User Table

There's more that needs to be done, but this is what I had off the top of my head.

I was thinking that the User Table will have a column for a unique user id. This id will also be on products and fundraisers posted by that user. So the Products table and Fundraiser table need a column for that unique user id.

This is what I was thinking is needed for the 3 tables:

Products:
- Add a column for user id
Fundraiser:
- Same as the products but add a column for donation needed and a column for donations raised so far
Users:
- name
- password
- email
- zip code
- unique id
- avatar

There's obviously more needed, but let's start with these for now.

Team member contributions

Marlon:

Marlon Sioco Bustamante

Wed 12/16/2020 3:01 PM

More actions

To:
- Himanshu Garg;
- Milo Abril;
- Dipendra Dhoj Rana;
- Suman Basaula;
- Kunyu Ruan

Hi Team,

As your backend lead, here's a list of contributions that I have made concerning our project.

- Created APIs for registering and logging in
  - Encrypt and decrypt passwords for users
- Setup dynamic routes for products, fundraisers, and users
- Created API's for deleting and editing posts
  - Delete and edit a user's product post
  - Delete and edit a user's profile
- Setup the functionality for the website to know who the current logged in user is
  - Helps to render only certain functions on the website
- Setup and implement the S3 bucket to remotely store user uploaded images
  - Setup and implementation to fetch the uploaded images
- Implemented the functionality for a user's page to display a user's post history
  - Displays the user's posted products
  - Displays a user's posted fundraisers
- Implemented the password reset functionality
- Implemented a dynamic filter for products posted

Let me know how you feel about what I have listed.

Thank you.

- Marlon Bustamante

Himanshu Garg

Thu 12/17/2020 1:10 PM

To:

- Milo Abril;
- Dipendra Dhoj Rana;
- Suman Basaula;
- Kunyu Ruan;
- Marlon Sioco Bustamante

Hi Marlon,

Thank you for your message.

I agree with the contributions you mentioned, you have been great with all parts of the project whether it is frontend, backend, database or even setting up the S3 bucket on aws.

You have always been attentive to all the meetings and your approach towards different problems really helped the team to make good progress with the project.

Best,

Himanshu.

Milo:

Contribution

Himanshu Garg <hgarg@mail.sfsu.edu>   Thu, Dec 17, 2020 at 1:15 PM

To: Marlon Sioco Bustamante <mbustama@mail.sfsu.edu>, Kunyu Ruan
<kruan1@mail.sfsu.edu>, Suman Basaula <sbasaula@mail.sfsu.edu>, Dipendra Dhoj Rana
<drana1@mail.sfsu.edu>, Milo Abril <mabril0526@gmail.com>

Hi Milo,

Thank you for your message.

I agree with the contributions you mentioned to the team project. You have been a great Fron
product and implemented the same with great effort. Really liked your ideas towards different
work among all of the members in your team and managed to get the best product.

Your participation and ideas for the project really helped us grow as a team.

Best,
Himanshu.

Hello, Team,

It was a definite experience to work with you all.
Anyways, here's a list of contributions that I have made as Front End Lead:

- Designing

- Designed mockups of website's UI
- Designed usage cases for site
- Formed and performed Usability tests
- Aided in coming up with requirements (more functional than nonfunctional)

- Developing:

- Helped set up Links and Routers for all pages
- Started on .js components and .css files
- Set up Navbar
  ○ made it responsive to browser size
- Set Up homepage
- Styled post cards
- Started pop up forms

- Worked on finishing UI implementation

- # of commits to development:

- ~50 commits

Please let me know if you have any agreements or disagreements

SUMAN

Suman Basaula
Thu 17/12/2020 11:47
Cc: Milo Abril; Marlon Sioco Bustamante; Himanshu Garg; Dipendra Dhoj Rana; Kunyu Ruan

Hi all,

    I hope you all are doing well. It was a great experience working with you guys as a team. Below are the contributions that I had made to the project:

• Redesigned the Item post page
o Designed the various buttons as edit, save, and delete
o Fixed the auto stretching if item image
o Designed the send message area

• Fixed the auto stretching of images in Item post and fundraiser post
• Fixed the auto stretching of images in the list of item post on the home page

    Please let me know if you have any agreements or disagreements. Thank you all!

Himanshu Garg
Thu 17/12/2020 14:19
To: Suman Basaula
Cc: Milo Abril; Marlon Sioco Bustamante; Dipendra Dhoj Rana; Kunyu Ruan

Hi Suman,

Thank you for your message.

I agree with the contributions you mentioned. You have definitely added a great value to the project and have always been up to the mark for various milestones. Loved your spirit towards working for the completion of our project. Will defnitely like to see a little more from you in the app development part.

Best,
Himanshu.

. . .

Reply | Reply all | Forward

Kunyu:

From: Kunyu Ruan <kruan1@mail.sfsu.edu>
Sent: Thursday, December 17, 2020 1:10:02 PM
To: Himanshu Garg <hgarg@mail.sfsu.edu>
Cc: Milo Abril <mabril0526@gmail.com>; Marlon Sioco Bustamante <mbustama@mail.sfsu.edu>; Suman Basaula <sbasaula@mail.sfsu.edu>; Dipendra Dhoj Rana <drana1@mail.sfsu.edu>
Subject: Team Contirbution

Hi team,

At the ending of the semester, I want to say it's my pleasure to work in a team with you all. You guys are making a lot of effort to finish this project. I've learned from you guys a lot. A few contributions I've made include:

- make login form match the mockup
- make user dashboard match the mockup
- fix popup forms auto resize
- improve popup forms design

Please let me know if there is any mistake.

Himanshu Garg

Thu 12/17/2020 1:27 PM

To: Kunyu Ruan

Cc: Milo Abril <mabril0526@gmail.com>; Marlon Sioco Bustamante; Suman Basaula; Dipendra Dhoj Rana

Hi Kunyu,

Thank you for your message.

I agree with the contributions you made for the project. You have definitely put in effort in the assigned tasks. I have seen you trying to work on different parts of the project with complete dedication and time. Things ran a little slow but you definitely managed to complete all the tasks from your side. You surely added great value to the team.

Thank you for the contributions.

Best,

Himanshu.

Dipendra

Dipendra Dhoj Rana
Thu 12/17/2020 12:48 PM
To: Suman Basaula; Milo Abril <mabril0526@gmail.com>; Marlon Sioco Bustamante; Himanshu Garg; Kunyu Ruan

Good afternoon all,

I hope you all are doing well. It was a great experience and learning from you guys. I didn't made any major contribution to the team. I was working under the mentorship of Marlon, Himanshu who were highly skillful and talented. I was

working with apis
working on fundraiser table but it was done before hand

Thank you all!. Really appreciate your hardwork.

Himanshu Garg
Thu 12/17/2020 1:22 PM
To: Suman Basaula; Milo Abril <mabril0526@gmail.com>; Marlon Sioco Bustamante; Kunyu Ruan; Dipendra Dhoj Rana

Hi Dipendra,

I agree that you have not been upto the mark for the project. You seemed to work a lot during the early milestones but we definitely wanted your contributions in the later part of the course. I will definitely recommed to at least be in contact with the team and respond to all the messages.

Its been a great semester working with you.

Best,
Himanshu.

...

Reply | Reply all | Forward

Himanshu:

Himanshu Garg
Thu 12/17/2020 1:42 PM
To: Dipendra Dhoj Rana; Kunyu Ruan; Milo Abril <mabril0526@gmail.com> +2 others

Hi Team,

Its been a great semester working with you all. Some of the tasks I did are

Team Management :
- Set up Weekly Team Meeting.
- Created a slack channel for general doubts and discussions.
- Assigned roles to all team members for the project.
- Swapped work load based on team member needs.
- Assisted everyone with different queries related to the project.

Development Part:
- Set up the aws for EC2 deployment and deployed the website.
- Set up the database for the project.
- Set up chat table in the database.
- Implemented the chat functionality part of the project making relevant files in frontend and relevant routes in the backend.
- Implemented the fundraisers page of the project and created relevant routes.

Thank you again everyone for the good work. Hope to work with you all again sometime soon.

Marlon Sioco Bustamante
Thu 12/17/2020 1:49 PM
To: Himanshu Garg; Dipendra Dhoj Rana; Kunyu Ruan; Milo Abril +2 others

Hi Himanshu,

I agree with everything that you have listed. It was great having worked on this project under your leadership. While this was a large and difficult project to undergo, I never felt pressured from you and you were very fair throughout the project. You always provided great feedback for the progress we have provided and were always there to help if we had any issues.

Thank you for leading this team.

Marlon Bustamante

...

Team Contribution

Milo Abril <mabril0526@gmail.com>
Thu 12/17/2020 1:53 PM
To: Marlon Sioco Bustamante
Cc: Himanshu Garg; Dipendra Dhoj Rana; Kunyu Ruan; Milo Abril; Suman Basaula

I definitely agree with Marlon here,

Though this was a difficult project with what we were working with, you led us fairly and didn't hesitate to check up on us. You also were right there with us when it came to development.

Thank you for all your effort and hard work.
Milo Abril

...

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POST ANALYSIS:

For most, if not all of the members in our group, it was the first time we've worked on a project of this scale. There was a lot of freedom in making our own decisions and what directions we wanted to go with things. Add to that our lack of experience working with the ReactJS framework, NodeJS, Amazon AWS deployment, mySQL, and any other entity we happened to use in our project along with the how classes and meetings are exclusively handled remotely due to the current pandemic, we were pretty slow going with our progress on our implementation. For example, during our vertical prototype implementation, what should've taken us a few hours took us an entire day just to set up a single page. However, throughout the journey of this course, all the team members learnt a lot about new technologies, fast learning, team-work and problem-solving. We are happy that we reached this far and made a successful submission of the project with almost all the requirements we expected to finish.

There were more obstacles that we faced like running late with different milestones and submitting at the last moment, learning new technologies and failing to implement them and therefore re-doing the tasks with new approaches, crashing the app after adding new features and definitely bad time management skills. All these obstacles surely slowed down the progress rate but that is how we learn and grow as a Software Engineer, Not many great softwares are built in the first trial.

There are few things that could have been improved if given a little more time like that chat part could have been real-time with the help of sockets. We were able to first set up the sockets and have the real time chat on our app but later realized that we need to add an extension named moseif origin and cors in order to run it on the browser but later realized that the extension is not compatible with many other browsers and hence we dropped using sockets.

Another improvement that we could have used for our website was if we were able to implement the payment system for donating to fundraisers. We knew there were APIs to implement a payment system like Stripe. We also knew that this wouldn't be an easy implementation. Since time management was a very big contributor to the issues we faced. We weren't able to provide enough time to learn the implementation and include the payment system in our final project.

Overall, with the steep learning curve we all faced and spending too much time with trials and errors, we did manage to bring about something we can find some pride in even with its faults and short-comings.