

Mutual Aid Database

Milestone 2.0

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Refresher of milestone 2

- New changes added
- Feedback implementation
- Demo
- Questions

Feedback from Milestone 1

Your Feed

Welcome! Post your campaign by uploading a picture.

Posting Instructions

Welcome to the Mutual Aid Platform!

- Briefly describe your need or cause in the post content box.
- Select the most relevant category (e.g., Disaster Relief, Health, Food, Refugee Assistance, etc.).
- Optionally upload a clear image or short video to help others understand your campaign.
- Ensure your profile's contact information is updated for any assistance follow-up.
- Please avoid sharing sensitive personal information publicly.

We're here to support each other. Stay safe and take care! 

Post Content:

Enter your post details here

Upload Media (Image | Optional):

No file chosen

Select category:

Select a category

Fundraising Goal (USD):

Submit Post

User Story - As a user affected by a natural disaster, I want to post a fundraising campaign with a title, description and percentage towards financial goal.

User Story- As a developer, I want to review new campaigns to filter out inappropriate submissions

My Posts

I want to raise money for my daughter's education

Category: Education

Timestamp: 2025-04-22 21:41:53

The campaign you have submitted is under review by our team. Please allow 24 hrs for approval.

Edit

Posted on 2025-04-22 21:41:53.394359

Raised: \$0.00 / **Goal:** \$2000.00

Edit **Delete**

Feedback from milestone 1

Feedback: "...could be abused if stories are non-validated"

User Story: "As a developer, I want to review new campaigns to filter out inappropriate submissions"

Mutual Aid Database

Profile Admin Review Feed Logout Preferences My Donations About

Admin Review

Pending Campaigns

#4 by test1@mail.com

My quaint house in Santa Anita got affected by a wildfire. I just need 200 dollars to help make fluffy delicious pancakes for the community.



Approve Reject

#3 by test1@mail.com

This is TOTALLY REAL SHARK-NADO and I require FIVE THOUSAND DOLLARS



Feedback from Milestone 1

User Story - As a donor, I want to be able to see where my donations go towards on successful campaigns

Test1

Author: test1@mail.com

Posted on: 2025-04-22 23:09:36

Raised: \$382.00 / **Goal:** \$459.00

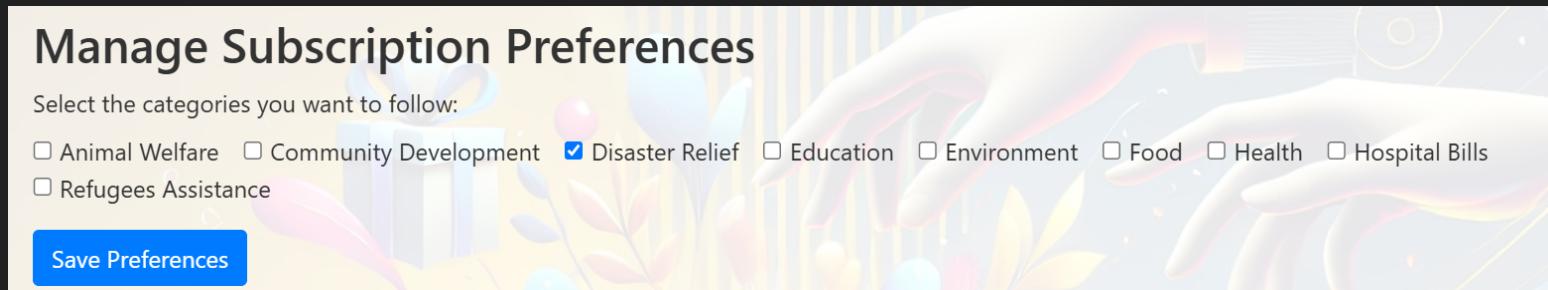
83.2%

 [Donate](#)

Feedback from milestone 1

“...and it is important that we are able to follow projects and receive updates on posts without having to visit each project page. We might want to keep an eye on several campaigns and decide at a later date whether or not to help fund it.”

Screenshots of the functionalities created:

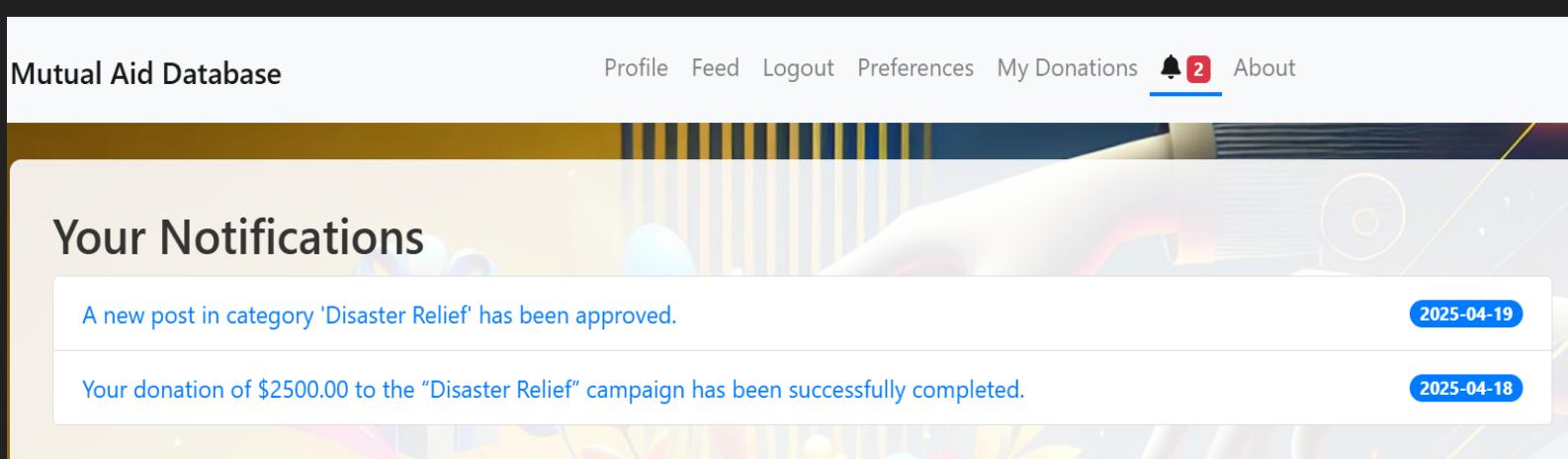


Manage Subscription Preferences

Select the categories you want to follow:

Animal Welfare Community Development Disaster Relief Education Environment Food Health Hospital Bills
 Refugees Assistance

[Save Preferences](#)



Mutual Aid Database

Profile Feed Logout Preferences My Donations [Bell](#) ² About

Your Notifications

A new post in category 'Disaster Relief' has been approved. 2025-04-19

Your donation of \$2500.00 to the "Disaster Relief" campaign has been successfully completed. 2025-04-18

Agile Methods

Extreme Programming(XP)/ Repo Structure

- Pair Programming to decrease the amount of devs pushing old, broken or untested code
- Issues with synchronous coding on github, so we worked with pairs and confirmed it with one person to push
- Created a different branch- Dev branch and let one person push to main, main was always working and tested code.

Iteration 1: Built out the ~~captcha~~^{Iterations} feature for the login functionality

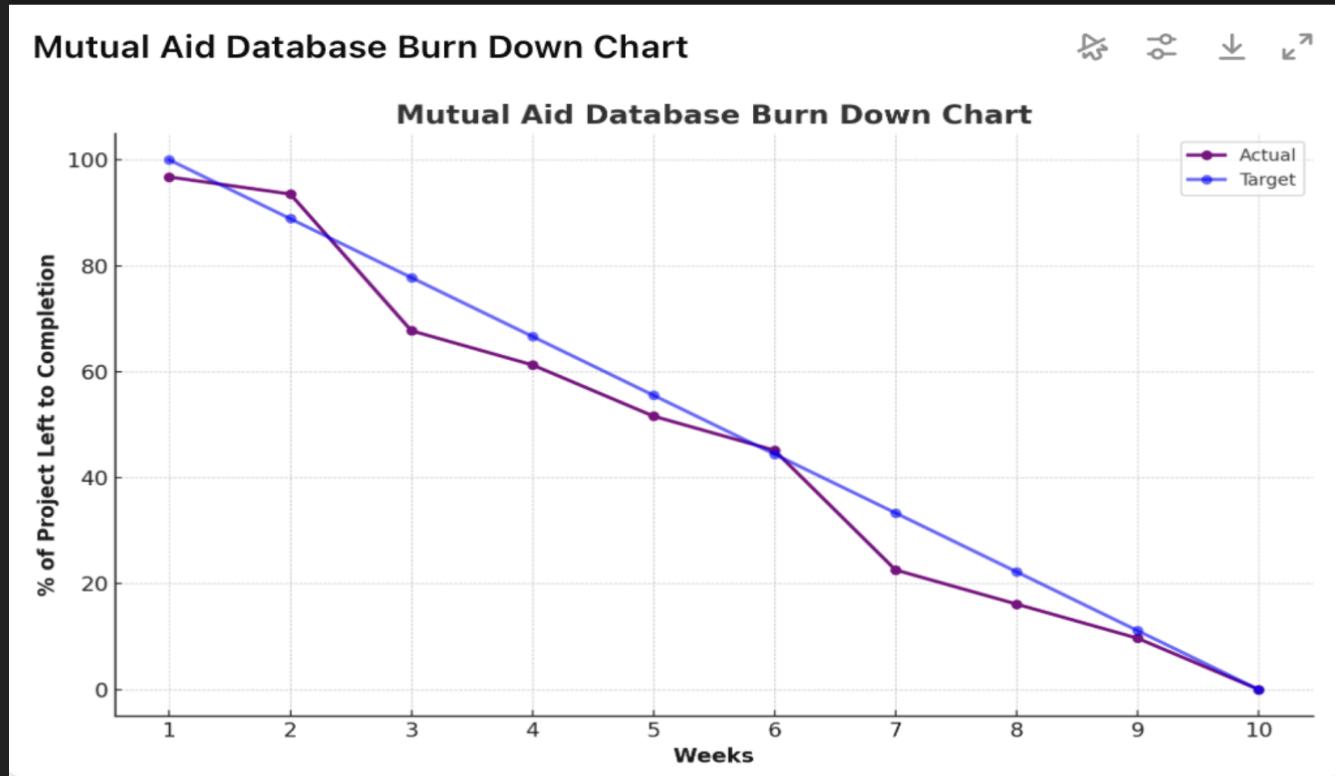
Iteration 2: Focused on having an instructions page for the posting content for the users

Iteration 3: Created categories for the posts based on what the content is about

Iteration 4: Created a review functionality for the admin to approve the posts before it is posted on the main feed

Iteration 5: Created an in-app solution to contribute to donations for all users.

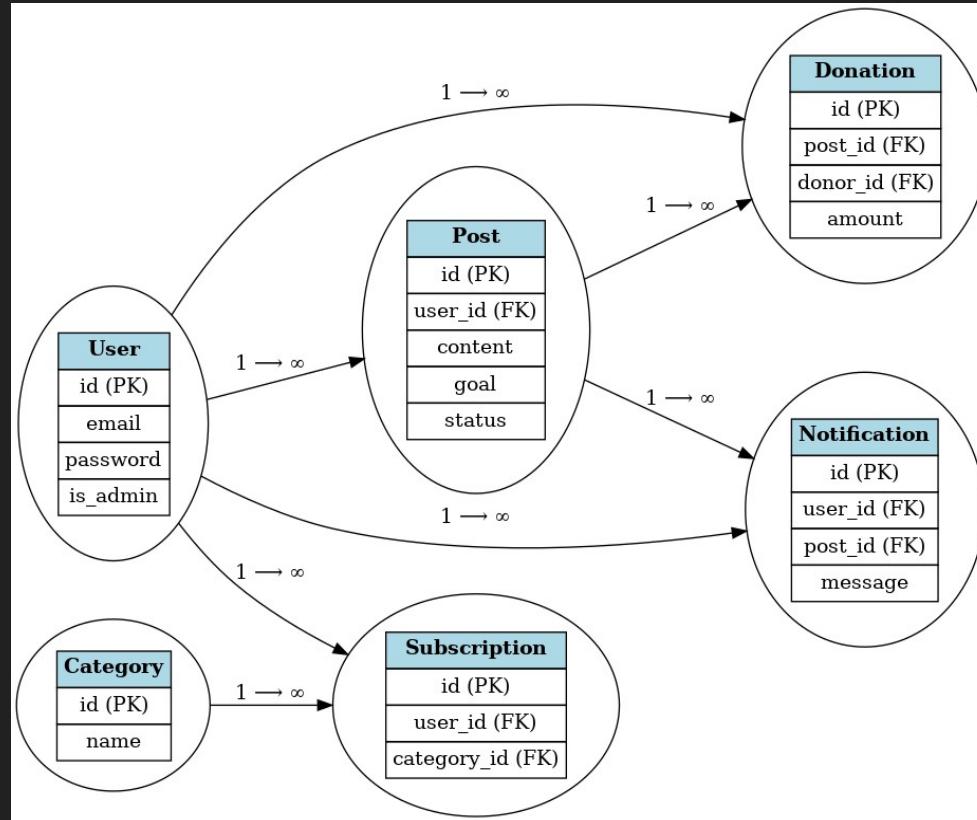
Burn down chart and recording the meetings



Testing/refining code

Test Name	Test files	Test Inclusions	Description
Test login	<code>test_login.py</code>	Valid credentials, invalid credentials, session creation	Validates user authentication flow.
Test register	<code>test_register.py</code>	New user registration, duplicate email/username check	Ensures new users can register successfully.
Test profile	<code>test_profile.py</code>	Authenticated access, profile update, unauthorized access	Checks access and updates to user profiles.
Test admin	<code>test_admin.py</code>	Admin login, admin dashboard access, permissions	Verifies admin-only features are protected.
Test donations	<code>test_donations.py</code>	Making a donation, viewing donation history, invalid input	Tests donation flow and related records.
Test notifications	<code>test_notifications.py</code>	Sending, receiving, and reading notifications	Ensures users receive relevant notifications.

How the information interacts



Demo!

Challenges/Successes

- Challenges
 - Hard to schedule meetings
 - Inexperience with github, had to revert many changes and create another branch
- Successes
 - Successfully integrate feedback
 - Pinpoint core functionalities and iterate on smaller ideas
 - Able to add in ideas from every developer and solve problems collaboratively

- Communication and collaboration is key since even in coding, there are creativity involved. Collecting all of those styles into one product is challenging.
- It is important to keep track of the changes made by each individual and pull the changes in GitHub with the latest version
- Creating tests are as important as creating features!
- Organization is important

Any questions?