SafeHouse

Team Speakeasy

- ★ Product Owner - Harmanjot Singh
- ★ MVP Developer- Sarah Avila
- ★ Developer - Eric Kuo
- ★ Developer - Dhanush Adapa

Introduction

SafeHouse is an an anonymous messaging platform that helps users get support and interact with others in a positive way.

- Why?
    - Reduce Covid-19 related isolation
    - Improve mental health awareness and emotional intelligence
- Whom will it help?
    - People who want a safe space to express themselves
    - People who need advice and/or emotional support
    - People who want to talk to others in a casual positive environment

Project Goals

Achieved

1. Produce a messaging system that allows users to send and receive letters to other random users.
2. Simple and user-friendly UI for user login and messaging systems

Backlogged

3. Incorporate content tagging and toxicity classification to moderate user community
4. Gamify user interaction to incentivise regular use

Challenges and Accomplishments

Developmental

- SCRUM
- Github/code quality

Product

- API integration
- Testing

Architecture Diagram
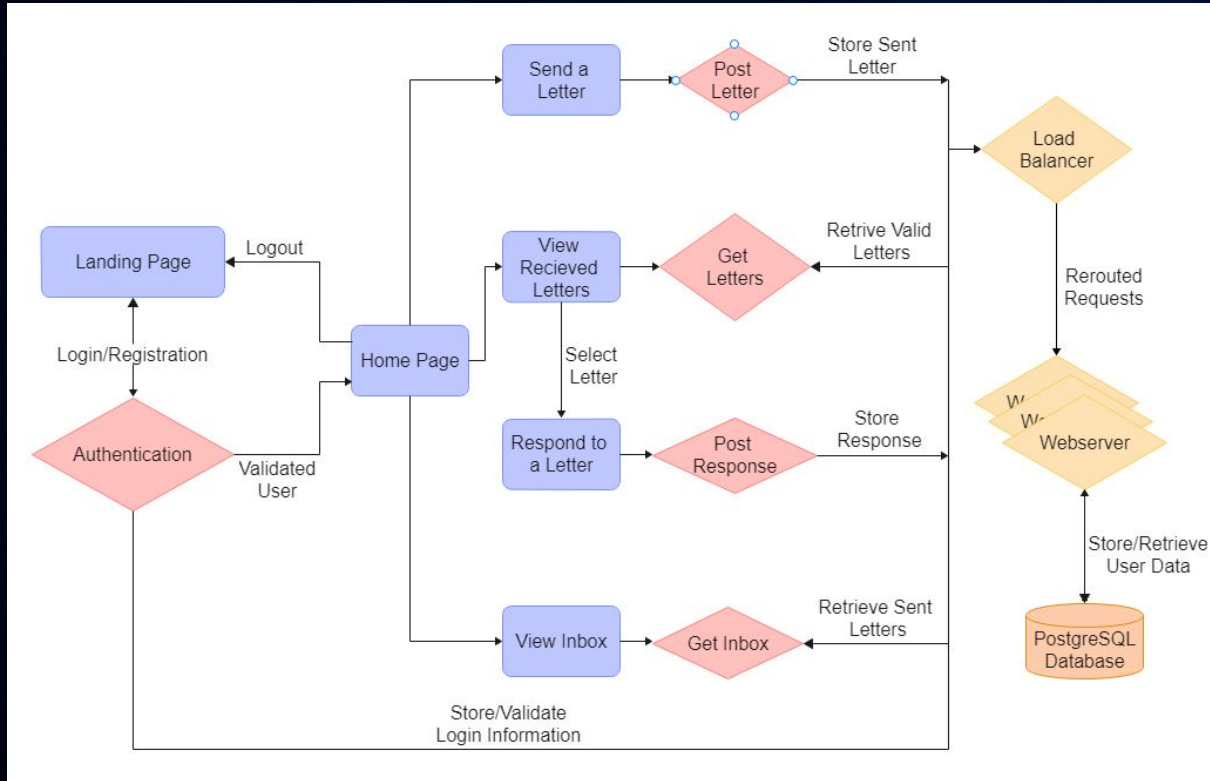
Technologies Used

Frontend:
Figma, React, Material UI
JavaScript, HTML, CSS

Backend:
Node JS, Express, JWT
Docker, Haproxy

Database:
Postgres, Heroku

Project Management Techniques

AGILE/Scrum based workflow

- Tri-weekly short scrum meetings (30 minutes)
- Bi-weekly sprint review/planning (1 hour)
- Longer code review & pair programming sessions per needed basis (1-2 hours)

Discord

- Consistent group communication with team + TA
- Coherent conversation with organized text/voice channels

Github

- Version control and branch management
- Code review assignments

Monday.com

Safehouse scrum board ⓘ ☆

Manage all your iteration and sprints here to easily connect them to your Roadmap board for that high level view

🔗 Integrate 🔵🟣Ⓜ   ⚙ Automate ⌃

🏠 Main Table | Workload | Gantt | Kanban | +

New Item ⌄   🔍 Search   👤 Person   ▽ Filter ⌄   ⇅ Sort   📌   👁   ⇅   ✎

Sprint 1 (1/12-1/25)   5 Items

Sprint 2 (1/26-2/8)   13 Items

⦿ Sprint 3 (2/9-2/22)

	Subitems	Type	Item owner	Priority	Dev status	Estimated Effort ⓘ	Finish Date	+
SP 2-1 Sending letters ⊕	🔲	Story Point	👤	Medium	Finished			
SP 2-2 Responding to letters ⊕	🔲	Story Point	👤	Medium	Finished			
SP 2-3 Managing user inbox ⊕	🔲	Story Point	👤	Low	Finished			
SP 2-1 Making the webserver utilize db+ frontend view ⊕	🔲	Backend	👤	Medium	Finished	4 Hours		
SP 1-(3/5) Writing integration tests for login/reg system ⊕	🔲	Testing	👤	Medium	Finished	3 Hours		
SP 2-2 "request/respond to a Letter" view ⊕	▸🔲 2	Frontend	SA	High	Finished	3 Hours		
SP 2-2 Make the webserver query the global inbox for letters ⊕	🔲	Backend	👤	Medium	Finished	2 Hours		
SP 2-3 "View Past Letters" view ⊕	🔲	Frontend	SA	High	Finished	3 Hours		
SP 2-3 make the webserver query the local inbox for past letters ⊕	🔲	Backend	👤	Medium	Finished	2 Hours		
SP 2-(1/2) Testing Letter+Response System ⊕	🔲	Testing	👤DA	Low	Finished	3 Hours		
+ Add Item								

20 Hours
sum

Sprint 4 (2/23-3/8)   7 Items

Backlog   2 Items

+ Add new group

Discord

general

Search

ONLINE — 1

Eric Kuo
Listening to Spotify 🎵

OFFLINE — 4

Dhanush Adapa

Harmanjot Singh 👑

Jeshwanth Bheemanp...

Sarah Avila

TEXT CHANNELS +
- # things-to-do
- # general
- # introductions-contact-info
- # scrum-master-talks-to-you
- # resources

VOICE CHANNELS +
- 🔊 Science & Engineering
- 🔊 McHenry

March 7, 2022

Harmanjot Singh Yesterday at 1:19 PM
annnd loadbalancer compete

```
server-nodeapp1-1    | > server@1.0.0 start
server-nodeapp1-1    | > nodemon index.js
server-nodeapp3-1    |
server-nodeapp3-1    | > server@1.0.0 start
server-nodeapp3-1    | > nodemon index.js
server-nodeapp2-1    |
server-nodeapp2-1    | > server@1.0.0 start
server-nodeapp2-1    | > nodemon index.js
server-nodeapp1-1    |
server-nodeapp1-1    | [nodemon] 2.0.15
server-nodeapp1-1    | [nodemon] to restart at any time, enter `rs`
server-nodeapp1-1    | [nodemon] watching path(s): *.*
server-nodeapp1-1    | [nodemon] watching extensions: js,mjs,json
server-nodeapp1-1    | [nodemon] starting `node index.js`
server-nodeapp3-1    | [nodemon] 2.0.15
server-nodeapp3-1    | [nodemon] to restart at any time, enter `rs`
server-nodeapp3-1    | [nodemon] watching path(s): *.*
server-nodeapp3-1    | [nodemon] watching extensions: js,mjs,json
server-nodeapp3-1    | [nodemon] starting `node index.js`
server-nodeapp2-1    | [nodemon] 2.0.15
server-nodeapp2-1    | [nodemon] to restart at any time, enter `rs`
server-nodeapp2-1    | [nodemon] watching path(s): *.*
server-nodeapp2-1    | [nodemon] watching extensions: js,mjs,json
server-nodeapp2-1    | [nodemon] starting `node index.js`
server-nodeapp1-1    | Safehouse server is running on 3000
server-nodeapp3-1    | Safehouse server is running on 3000
server-nodeapp2-1    | Safehouse server is running on 3000
```

with this lets wrap up everything

```
⌄  📚 server
      OTHER

        server-lb-1  haproxy
        EXITED (1)   PORT: 3000

        server-nodeapp2-1   safehouse-back...
        RUNNING

        server-nodeapp1-1   safehouse-back...
        RUNNING

        server-nodeapp3-1   safehouse-back...
        RUNNING
```

@Sarah Avila @Eric Kuo @Dhanush Adapa can we do a meeting today. lets finalize everything by tonight

We got quite a lot to cover in terms of documentation and presentation so lets meet up as soon as we can

Sarah Avila Yesterday at 1:48 PM
can we meet tonight? like 7:30?

🗨 1   OK 1   👍 1   🙂 1   ⬇ 1

🐸 1   🖼 1

Message #general

What We Enjoyed & Didn't Enjoy

Enjoyed

- ✦ Working in a team
- ✦ Taking ownership of a product
- ✦ Learning new technologies and techniques

Didn't Enjoy

- ✦ Unproductive team meetings
- ✦ Restrictive Agile practices
- ✦ Small team size

Lessons Learned

✦ Anticipate problems ahead of time

✦ Communicate with teammates

✦ Don't be afraid to ask for help

Thank You!

Questions?