# SafeHouse

A anonymous messaging web-app

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## Project Goals (high level)

Our goal is to produce an anonymous messaging platform that helps users get support and interact with others in a positive way. We want users to write a letter which will be then sent to any available receiver who can then only reply to it but only once. There will also be a tag feature so that the letter will be sent to someone who can more or less relate to the sender. There will also be a news feed system so that people can post anonymously which then can be commented on, upvoted or downvoted.

Our web app will be able to:
1. Handle user login/logout/register requests.
2. Allow users to send and receive randomized anonymous messages.
3. Attract users with a polished and consistent MVP.
4. Have user tags so they will be connected to people that they better relate to.
5. Allow users to report toxic or abusive messages, as well as screen messages for toxicity, abuse, or mental health triggers.
6. News feed where users can post, upvote, downvote or comment on a post anonymously.
7. Gamify system to provide incentives for users to continue interacting with webapp.

## Story Points

### Sprint 1 (January 12 - January 25)

Top level goal: Have most of Project Goal 1 finished, have some initial designs for Project Goal 2
1. (PG 0) As a user, I want the ability to access the landing page of the website.
2. (PG 0) As an PO, I want a functioning webserver to host future web services.
3. (PG 1) As a user, I want the ability to register for an account.
4. (PG 1) As a user, I want the ability to log in to my account/stay logged in to my account.
5. (PG 1) As a user, I want the ability to log out of my account.
6. (PG 1) As a user, I want to have account verification (email or otherwise) to prevent account abuses. (backlogged for now, idk how any of it works, not comfortable making tasks for it)

### Sprint 2 (January 25 - February 8)

Top Level Goal: Finish integration and testing for Project Goal 1, have most of Project Goal 2 finished.
1. (PG 2) As a user, I want to send letters to other users
2. (PG 2) As a user, I want to review my sent letters
3. (PG 2) As a user, I want to receive letters and review my received letters
4. (PG 2) As a user, I want to respond to letters sent to me
5. (PG 2) As a user, I want to delete/archive letters from my inbox

Top Level Goal: Finish MVP (PG 1, 2, 3), begin working on auxiliary features (PG 4, 5)

1. (PG 3) As a project owner, I want to prepare my webapp for large amounts of users
2. (PG 3) As a project owner, I want my webapp to have a unique and clean UI to attract users
3. (PG 4) As a user, I want the messages I send and receive to relate to my interests and background

Top level goal: Finish PG 4,5, polish product for presentation.

1. (PG 5) As a user, I want the ability to report letters for toxic or abusive language
2. (PG 5) As a Project owner, I want to screen out letters that are toxic or abusive in nature.

1. (Project goal 4, SP 2) As a frontend developer, I want to update the styling of the React components according to the hi-fidelity design for the tagging feature.
2. (Project goal 5, SP 2) As a frontend developer, I will modify our existing inbox view to include the basic elements of the react components for the message report feature.
3. (Project goal 5, SP x) As a backend developer, I will work with the NLP specialist and the database administrator to implement the message reporting system and message screening system.
4. (Project goal 5, SP x) As a QA tester, I will write unit and integration tests for our reporting system to assure that our reporting system properly removes abusive messages and restricts offending users.
5. (Project goal 5, SP 3) As a frontend developer, I want to update the styling of the React components according to the hi-fidelity design for the message report feature.

## Product Backlog

PG 6
PG 7

## Presentation Links

Initial Presentation
Final Presentation