



A Team Rocket Venture

Overview

authored by: Kalina Nedkova

Do you ever feel that your friends aren't being completely truthful when you ask for advice or critiques? For example, if you ask a friend if what you are wearing looks good, the friend may be more inclined to say yes, no matter how it actually looks. Repliance is an app that allows people to post questions and get genuine and honest responses because we've found that people are their most truthful when anonymous. Repliance is an app through which a user can post a picture or text and ask for other users' advice. We want the posts and replies to be anonymous because we believe that users are more likely to provide genuine feedback anonymously because they would not have to worry about being associated with their responses. A post would also be removed from public view once it has generated enough comments, or has reached a time limit, which can be specified by the poster. After a post becomes unavailable to the public, the original poster would still be able to see the post and all comments it received.

Team Organization

authored by: Kalina Nedkova

We have divided the tasks according to everyone's interest areas. The main aspects that we will be working on are back end development, database development, front end development, and user interface. In addition to our individual roles, all of us will be involved in testing our app.

James Desjardin: Back End Development and Database Development.

Colin McGinnis: Back End Development

Kalina Nedkova: Back End Development and Database Development

Matt Fischer: Front-End Development, Back-End Development and UI

Rohan Kapoor: Front-End Development and UI

Kavya Krishna: Back-End Development

Disclaimer

This document is a work in progress, as we are constantly updating our progress and plans for Repliance. With that being said, sections of this document are subject to change at our discretion.

Scenarios

authored by: Colin McGinnis, Matt Fischer, James Desjardin

Scenario 1)

User: Tim

Scenario: Account creation

Looking into advice sites, Tim comes across Repliance. After reading the about section of the homepage, he decides that he'll give it a shot. Since this is Tim's first time here and he has no account, he clicks the "Sign Up" button on the homepage. He is redirected to the Signup page, where he enters the information needed to make an account. When he is happy with his inputs he hits "Create Account." Since all the information Tim has entered is valid, his account is created and he is redirected to his newsfeed. From there he can start using Repliance.

Scenario 2)

User: Andre

Scenario: Posting a question

Andre is going out to a casual dinner with his in laws tomorrow night and is trying to decide what outfit to wear. He decides to post a few options as a question on Repliance. Andre already has an account so he enters his information into the login field and hits "Login." Uh oh! He entered his password incorrectly, so Andre is redirected to the homepage again. He enters it correctly and this time is directed to his newsfeed. Andre hits the "New Question" button and is redirected to the New Question page.

Andre wants the question to last for either 24 hours or up to 25 responses. He enters that into the question fields. He attaches the photos of the outfits, and then hits "Submit." The question is accepted and Andre is redirected to the Question page. Here, Andre can monitor how much time or responses are left on the question, delete the question, or edit any of the fields entered earlier.

After 24 hrs that question will disappear from public view, and Andre can go back and check the answers. He then will hopefully have the input he needs to make a decision and impress the in laws.

Scenario 3)

User: Joe

Scenario: Editing Profile

Joe uses the same email account and password for every website he uses. Unfortunately, someone has discovered his information. Joe is now afraid that he will lose access to his Repliance account. Since he already has an account, he enters his information into the login field and hits "Login." He enters his username and password correctly, and is logged in. He clicks the "Account" button. He then types the new email that he wants his account associated with into the "email (update):" field and again in the "email (confirm):" field. Joe then clicks the "Update" button, and a checkmark is displayed to confirm the change. He also creates a new password and puts it in both the "password (update):" and "password (confirm):" fields. He again hits the "Update" button next to the password fields and another checkmark appears. He is now good to go, and goes back to the homepage by clicking "Home" to browse the questions.

Scenario 4)

User: Bella

Scenario: Check how your replies were graded

Bella has been answering questions all night long on repliance, but notices that her points aren't as high as she thinks they should be. She also hasn't gotten any best answers in the last few hours, as the Best Answer count hasn't incremented at all. To see what's going on, she clicks on the Profile at the top of the page. Here she can see the replies she has written to all questions. She notices that many of her answers have -1 points and were not well appreciated. Bella considers why people may not have liked her answers and decides to write nicer comments for the rest of the night. Before she goes to bed, she notices her Best Answer count has gone up by one, and checks the Profile page again to see that now she's offering helpful advice that people are thankful for.

Scenario 5)

User: Cathy

Scenario: Delete a question

Cathy posts a question to Replance asking if her dress looks nice enough for the wedding she is going to. She attaches a photo and creates the post, only to realize afterwards that she clicked the wrong photo to upload. Instead of a photo of her dress, she clicked on a photo of her cat. Realizing her mistake, she chooses the delete option from the Question page. The post is now erased from public view as well as her private view and is not on the application anymore. Cathy goes back to the Ask Question page to try again and chooses carefully when uploading her photo this time.

Scenario 6)

User: Vince

Scenario: Answer a question

Vince is on the homepage of Replance. He is already logged in. He sees a question that he knows the answer to. He clicks the "view post" button that is on the question. He is brought to the question page, which shows the attached photo as well as the question in full. He types his answer into the "answer" field. When he is finished, he hits submit and hopes to earn a "best answer."

Scenario 7)

User: Clover

Scenario: Rate replies

Clover has successfully logged into Replance, asked a question, waited for the question to close, and now is going to read and rate the replies her question received. She clicks on the "My Question" link and is directed to the My Questions page which lists every question she has ever asked. Although she has some old questions, the newest one is at the top and listed as "SUBMISSIONS CLOSED". She clicks the "View Replies" link for it. This brings her to the Question page for that particular question, which has six replies. One reply offers particularly useful advice, so she clicks on the "Rate Answer" button. The button displays a star, a thumbs up, and a thumbs down. The thumbs up will leave the answer at 1 point. The star will set it as Best Answer. The thumbs down will put the answer at -1 point. She decides this question is the Best Answer, and clicks the star. The button changes appearance to show it was listed as

Best Answers. For the other replies, she clicks -1 on two of them, and ignores the other three. These three which Cathy didn't bother to rate will stay at 1 point for the users who wrote them. At this point, Cathy is happy with the answers she got, but decides she doesn't want to keep this question on Repliance, even in the private view only she can see. She follows the process for deleting a question and it no longer will appear under her My Questions page. However, the points she awarded to each answer are still logged elsewhere in the application as a copy, so the users who answered are still able to see that they got -1, 1, or Best Answer for what they had written, and these points are added to their overall points.

Scenario 8)

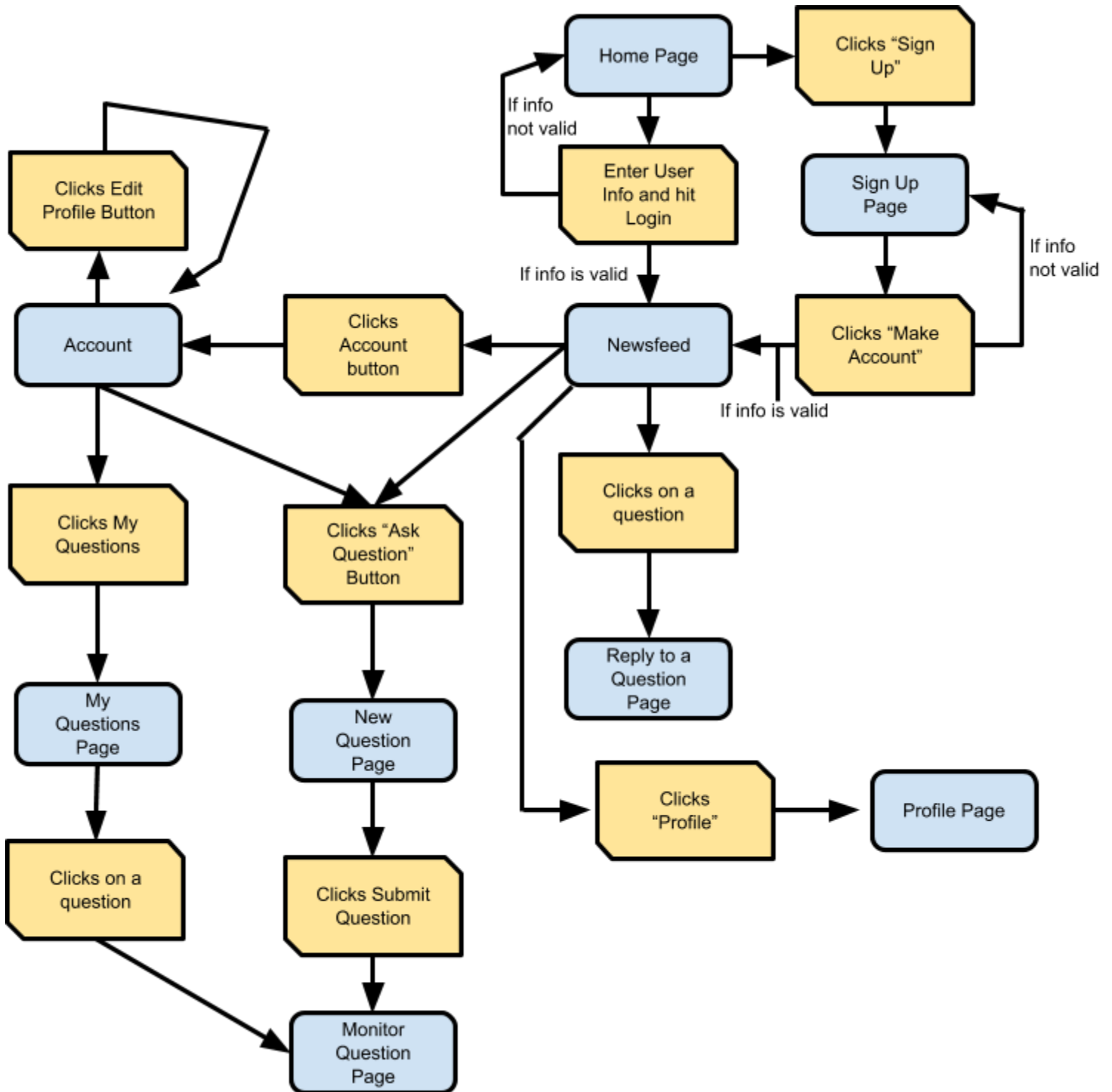
User: Ulysses

Scenario: Check multiple questions

Ulysses is a Repliance user who loves asking questions. He has asked about five questions one morning and wants to look through them all and their responses. First, he clicks on the "My Questions" link available from all views if the user is logged in. This brings him to the "My Questions" page where he can see all active questions as well as questions that have closed. He clicks on an active question's "View Replies" button to start reading the replies. This brings him to the view for the Question page, which lists every reply. He reads some of the responses, and then clicks "My Questions" again. He's back to the list of all his questions, but now sees that the one he was just reading only has one minute left. While he had been reading the replies to that question, another of his questions got the 4 replies it needed to close and is now listed as closed. He decides to read those replies by clicking on the question's "View Replies" and is then brought to the Question page for that question. Ulysses continues doing this for all questions he's asked to get the answers he needs.

Flowchart

authored by: Colin McGinnis



Page View Examples

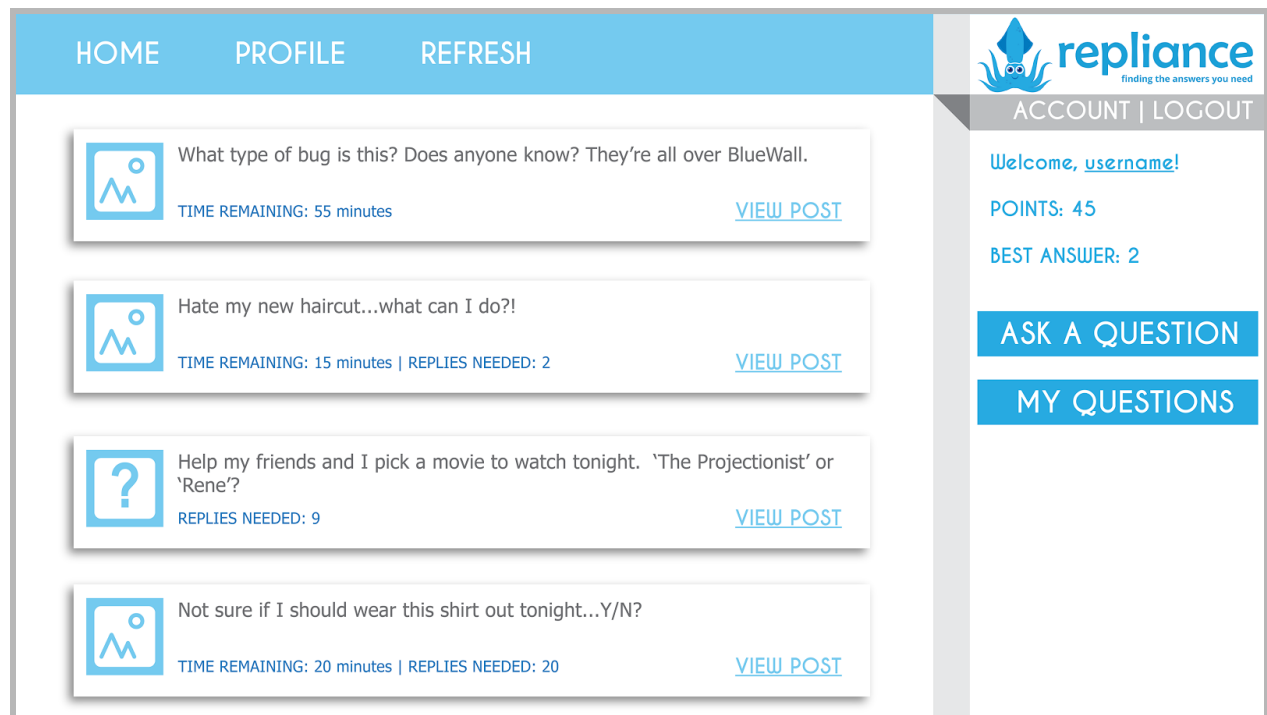
authored by: James Desjardin

Home Page (logged out):

The image is a screenshot of a web application's login page. At the top, there is a solid light blue horizontal bar. Below this, the page has a white background. In the center, there is a logo consisting of a blue cartoon squid with large eyes and a small smile, positioned to the left of the word "repliance" in a large, bold, blue sans-serif font. Below the word "repliance" is the tagline "finding the answers you need" in a smaller, lighter blue font. Below the logo and tagline, there are two input fields: "USERNAME:" followed by a text input line, and "PASSWORD:" followed by a text input line. Below these fields, there are two blue rectangular buttons with white text: "SIGNUP" on the left and "LOGIN" on the right. At the bottom of the page, there is another solid light blue horizontal bar.

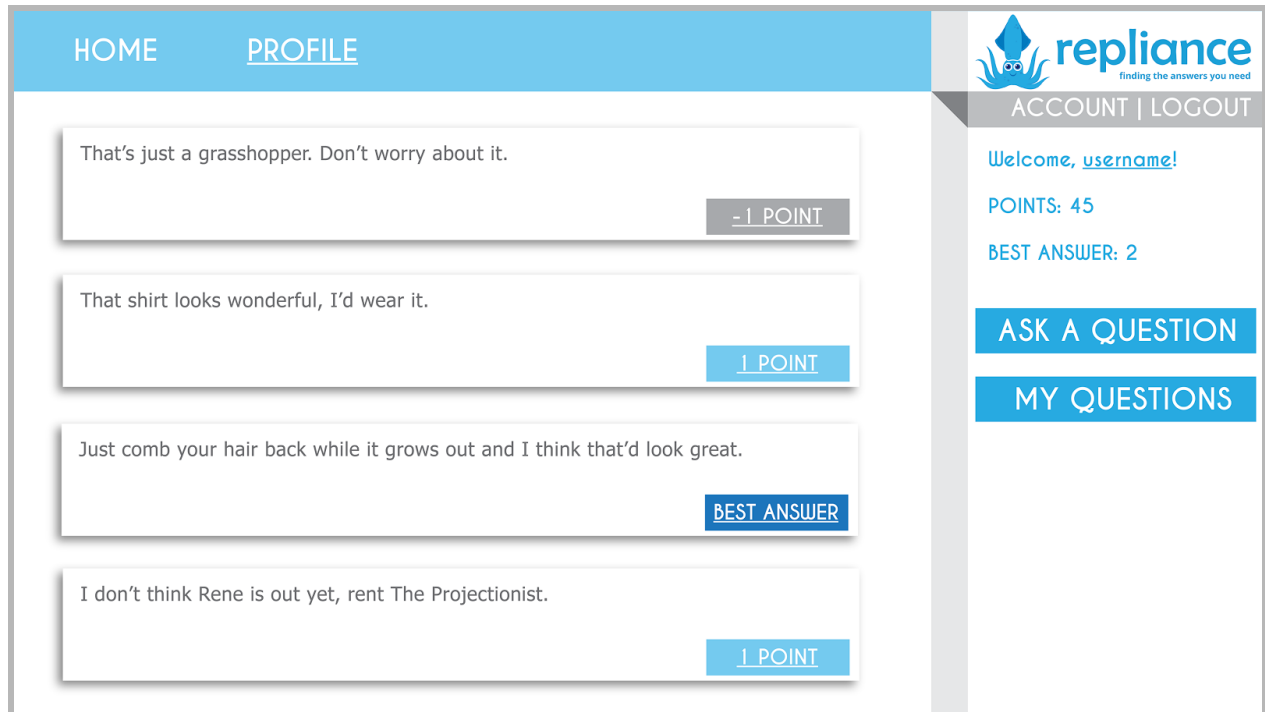
This view shows how the home page should appear when a user has not logged into the application. The Login button will authenticate the user while the Signup button will redirect to a similar looking view which has more fields for setting up an account (name, email, and so on) to be created. Incorrect authentication will reload this view. Correct authentication will load the Homepage (logged in).

Home Page (logged in):



This is the “newsfeed” or home page logged in. The main body of the page is questions which are displayed in a feed. If a user wants to click on a question to write a reply, they may select “view post” which will bring them to the view for response. The home page also has a “refresh” button at the top to update the feed, and users may scroll down further to read more questions.

Profile Page:




The screenshot displays the 'PROFILE' page of the Repliance website. The top navigation bar includes 'HOME' and 'PROFILE' links. The right sidebar features the Repliance logo with the tagline 'finding the answers you need', and links for 'ACCOUNT' and 'LOGOUT'. Below these, the user is greeted with 'Welcome, [username!](#)', showing 'POINTS: 45' and 'BEST ANSWER: 2'. Two buttons, 'ASK A QUESTION' and 'MY QUESTIONS', are also present. The main content area lists four comments with their respective point values: '-1 POINT', '1 POINT', 'BEST ANSWER', and '1 POINT'.


Comment	Points
That's just a grasshopper. Don't worry about it.	-1 POINT
That shirt looks wonderful, I'd wear it.	1 POINT
Just comb your hair back while it grows out and I think that'd look great.	BEST ANSWER
I don't think Rene is out yet, rent The Projectionist.	1 POINT

This is the profile page, which there is a link to in the upper nav for every view as long as you are logged in. The profile page simply lists your past comments and replies to other people. Note that you can not navigate back to the original question for these posts, it is simply a copy so the user may know if their answer was appreciated or not. By default, an answer will have 1 point. If the post is rated as “best answer” it will be 3 points. Posts that receive poor ratings from whoever asked the question are -1 point. The total points for a user can be seen in the right hand column on any view, as well as how many of their answers have been granted “Best Answer”. Users may scroll down to see all replies they have ever written.


Answer Page:

[HOME](#) [PROFILE](#)


ACCOUNT | LOGOUT



What type of bug is this? Does anyone know? They're all over BlueWall.



I left my burrito at the table to go get a drink and then I saw this guy running off with it when I came back.

TIME REMAINING: 54 minutes

That's just a grasshopper. Don't worry about it.

[POST REPLY](#)

Welcome, [username!](#)

POINTS: 45


BEST ANSWER: 2


[ASK A QUESTION](#)
[MY QUESTIONS](#)

This is the view someone will have when replying to a question. On the home page, after someone clicks "View Post" they will be brought to this view. If the question has a photo and/or additional text, these will be expanded and visible on this Question page (for example, the centipede photo can be seen here but wasn't loaded fully on the homepage feed). The time and number of replies remaining will also be visible here. Underneath the post will be a box for text in which a user can write their reply. When they have written the reply, they can click "Post Reply" and they will be redirected to the home page. The user who wrote the answer can go to the "My Questions" link to see the reply they wrote and whatever rating it receives.


Question Page:

[HOME](#) [PROFILE](#)


ACCOUNT | LOGOUT



Not sure if I should wear this shirt out tonight...Y/N?



I bought this shirt on vacation and was going to wear it to my friend's birthday party. What do you think?

SUBMISSIONS CLOSED

That shirt looks wonderful, I'd wear it.

RATE ANSWER

Lol. No. No no no. Nooooooooo.


RATE ANSWER


Welcome, [username!](#)
POINTS: 45
BEST ANSWER: 2
[ASK A QUESTION](#)
[MY QUESTIONS](#)

This is what a question looks like for someone who asked the question. In this example, either the time ran out or enough replies were collected, and it is marked as "submissions closed". No other user should see this page at this point. The person can rate the answers they received, the default being 1 point. Although the user who posed the question is the only one who can view it, they will still have an option to completely delete the post here, although this does not alter the points users scored on their answers.


My Questions Page:

[HOME](#) [PROFILE](#)


ACCOUNT | LOGOUT




Not sure if I should wear this shirt out tonight...Y/N?




I bought this shirt on vacation and was going to wear it to my friend's birthday party. What do you think?

[VIEW REPLIES](#)

SUBMISSIONS CLOSED



What type of bug is this? Does anyone know? They're all over BlueWall.




I left my burrito at the table to go get a drink and then I saw this guy running off with it when I came back.

Welcome, [username!](#)
POINTS: 45
BEST ANSWER: 2
[ASK A QUESTION](#)
[MY QUESTIONS](#)

This is the My Questions page. In this example, the user had asked the question about the insect as well as the question about the shirt. They can scroll through to see their questions, with open questions being at the top.

Ask New Question Page:

[HOME](#) [PROFILE](#)

 **repliance**
finding the answers you need

[ACCOUNT](#) | [LOGOUT](#)

Welcome, [username!](#)

POINTS: 45

BEST ANSWER: 2

[ASK A QUESTION](#)


[MY QUESTIONS](#)

[Ask a new question](#)

Title:

Text (optional):


Image (optional):

 [UPLOAD](#)

This is the page to ask a new question. A basic post has a question in the title, but people may add more text or an image if they choose to. The user will hit a submit button once all the info has been filled out, and they will be able to see it in their My Questions page.

Account Page:

[HOME](#) [PROFILE](#)

 **repliance**
finding the answers you need

[ACCOUNT](#) | [LOGOUT](#)

Your account information

Username: username
email: john@gmail.com

email (update): _____
email (confirm): _____ [UPDATE](#)

password (update): _____
password (retype): _____ [UPDATE](#)

Welcome, [username!](#)

POINTS: 45
BEST ANSWER: 2

[ASK A QUESTION](#)

[MY QUESTIONS](#)

This is the Account page. The user can change their email and password from this view. It can be navigated to from any other view, and is listed next to the Logout button in the upper right.

Non-Goals

authored by: Matt Fischer

- Allow users to send messages to other users, or be otherwise be able to identify another user.
- Allow users besides the original poster to see answers to the question
- Allow questions that a user has not asked themselves to be accessed after the given time has run out.
- Users that are not logged in to be allowed to answer questions.
- Allow users to create new usernames that exist already in our database.

Potential Issues

authored by: Matt Fischer, James Desjardin

- Once opened to the public, there may be issues of inappropriate content making its way onto the site.
- Security will be an issue, as we intend to keep all users anonymous but still have accounts. We do not want users to be able to access specific users' questions or answers.
- The lifespan of posts will be an issue. If someone clicks on a question to answer it, and it is meanwhile answered somewhere else by another user and then closes, the user who left their window open while the question closed should be redirected to the homepage and alerted that the submission had closed if they still try to answer it. They should not be able to log their reply after the closing time or condition takes effect.
- When a user creates a question post and clicks on it on the feed on the homepage, it should redirect to their private view of all its comments so far, not the view where the can add a new reply as if they were answering their own question.
- Users may not answer a question more than once, and the application must handle this correctly.