# Iteration 3 – Development log

Iteration 3 is about the accounts system and making sure everything is functioning correctly both front-end and back-end wise. In this iteration, I may be editing styles as well as functionality.

I first checked if the registration form was functioning correctly.

I conducted a test to see what would happen if I submitted the form with no data. An error occurred, and I made the following changes to fix it:

A screen shot of a computer screen

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

I then found an issue with my registration form not functioning properly. It wasn’t picking up any of the data that was being submitted. After a length amount of testing, I was able to find the issue. The form element in the HTML must be the first element in the page. I’m not sure if this is a global rule for flask, but whenever I made that change, it worked.

A screen shot of a computer program

AI-generated content may be incorrect.

And I changed the back-end Python code to the following:

A computer screen shot of a program code

AI-generated content may be incorrect.

Next, I need to add validation checks to ensure that users are only entering emails into the database.

I added this to check:

A black background with white text

AI-generated content may be incorrect.

And now it works.

I added some SVG images to the register & login pages to liven them up a bit.

A screenshot of a computer screen

AI-generated content may be incorrect.

A screenshot of a cartoon of a person walking

AI-generated content may be incorrect.

I made them automatically hide themselves when the screen gets too small.

Next, I setup the account page. This uses a tab system as per the design in the design documents. I used dynamic routes in Flask to achieve this.

A black background with white text

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

I then had to construct the page. Here’s how I did that:

A white card with black text

AI-generated content may be incorrect.

A screen shot of a computer

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

I wanted to make a way that would show which tab was currently active. This is what I ended up with:

A close-up of a login screen

AI-generated content may be incorrect.

It keeps the hover styles after you click on it. This is how I achieved it:

A screen shot of a computer program

AI-generated content may be incorrect.