

Course: IT202-010-S2025

Assignment: IT202 - Milestone 3

Student: Justin C. (jjc88)

Status: Submitted | Worksheet Progress: 100%

Potential Grade: 10.00/10.00 (100.00%)

Received Grade: 0.00/10.00 (0.00%)

Grading Link: <https://learn.ethereallab.app/assignment/v3/IT202-010-S2025/it202-milestone-3/grading/jjc88>

# Instructions

1. Refer to Milestone3 of this doc:  
<https://docs.google.com/document/d/1XE96a8DQ52Vp49XACBDTNCq0xYDt3kF29cO88EWVwfo/view>
2. Ensure you read all instructions and objectives before starting.
3. Ensure you've gone through each lesson related to this Milestone
4. Switch to the Milestone3 branch
  1. `git checkout Milestone3` (ensure proper starting branch)
  2. `git pull origin Milestone3` (ensure history is up to date)
5. Fill out the below worksheet
  - Ensure there's a comment with your UCID, date, and brief summary of the snippet in each screenshot
  - Ensure proper styling is applied to each page
  - Ensure there are no visible technical errors; only user-friendly messages are allowed
6. Once finished, click "Submit and Export"
7. Locally add the generated PDF to a folder of your choosing inside your repository folder and move it to Github
  1. `git add .`
  2. `git commit -m "adding PDF"`
  3. `git push origin Milestone3`
  4. On Github merge the pull request from Milestone3 to dev
  5. On Github create a pull request from dev to prod and immediately merge. (This will trigger the prod deploy to make the heroku prod links work)
8. Upload the same PDF to Canvas
9. Sync Local
10. `git checkout dev`
11. `git pull origin dev`

## Section #1: ( 3 pts.) Api Data

### Task #1 ( 1 pt.) - Concept of Data Association

## ≡ Text Prompt

**Weight:** 33.33%

**Objective:** *Concept of Data Association*

**Details:**

- What's the concept of your data association to users? (examples: favorites, wish list, purchases, assignment, etc)
- Describe with a few sentences

Your Response:

The site basically is able to fetch or create currency pairs, but only by Admin or Moderator. Then users will be able to view multiple data in the data viewing table. Users are able to associate with the data by favoriting any data set they choose, in this case a currency pair. When favorited the data will be stored into their favorites list.



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100%

## Task #2 ( 1 pt.) - Data Updates

## ≡ Text Prompt

**Weight:** 33.33%

**Objective:** *Data Updates*

**Details:**

- When an associated entity is updated (manually or API) how is the association affected?
  - Does the user see the old version of the data?
  - Does the user see the new version of the data?
  - Does the user need to have data re-associated or remapped?
- Explain why.

Your Response:

When associated entity is updated by API or manually, the association will still exist with the users. The updated data will reflect onto the users showing the new version of the data. This is the case because users are favoriting data entities that are mainly stored in a master Currency List which only admin or mod can access and update. Their favorited data is referenced from the master currency table. So any changes made to a currency is updating the master data and will be reflected on all users.



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### Task #3 ( 1 pt.) - Handling Association

### Combo Task:

**Weight: 33.33%**

**Objective:** *Handling Association*

### ≡ Image Prompt

**Weight: 50%**

### Details:

- Show an example page of where a user can get data associated with them
- Ensure heroku dev url is visible
- Caption if this is a user-facing page or admin page

[illegible]

## User-facing page



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## ≡ Text Prompt

**Weight: 50%**

**Details:**

- Describe the process of associating data with the user.
- Can it be toggled, or is it applied once?

**Your Response:**

In this page is a list of already API fetched or manually created currencies. In this list user's can click

favorite to favorite that currency. If they try to favorite the an already favorited one, it will flash a warning. Users can view the favorited data in their favorite page.



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100%

## Section #2: ( 6 pts.) Associations

100%

### Task #1 ( 1.50 pts.) - Logged-in User's Associated Entities

#### Combo Task:

**Weight:** 25%

**Objective:** *Logged-in User's Associated Entities*

**Details:**

- Each line item should have a logical summary
- Each line item should have a link/button to a single view page of the entity
- Each line item should have a link/button to a delete action of the relationship (doesn't delete the entity or user, just the relationship)
- The page should have a link/button to remove all associations for the particular user
- The page should have a section for stats (number of results and total number possible based on the query filters)
- The page should have logical options for filtering/sorting
  - A limit should be applied between 1 and 100 and controlled by the user (server-side enforces rules)
  - A filter with no matching records should show "no results available" or equivalent

#### ≡ Image Prompt

**Weight:** 50%

**Details:**

- Show a few examples of this page from heroku dev with various filters applied
- Ensure heroku dev url is visible
- Ensure each requirement is visible



ID	NAME	TYPE	STATUS	UPDATE DATE	REVIEW DATE	ITEM COUNT	ACTIONS
1	JOHN DOE	Customer	Active	2023-01-01 10:00:00	2023-01-01 10:00:00	1	<a href="#">View</a> <a href="#">Edit</a>

Currency name filter



ID	NAME	TYPE	STATUS	UPDATE DATE	REVIEW DATE	ITEM COUNT	ACTIONS
1	JOHN DOE	Customer	Active	2023-01-01 10:00:00	2023-01-01 10:00:00	1	<a href="#">View</a> <a href="#">Edit</a>

Date, Sort and Order filter applied



ID	NAME	TYPE	STATUS	UPDATE DATE	REVIEW DATE	ITEM COUNT	ACTIONS
1	JOHN DOE	Customer	Active	2023-01-01 10:00:00	2023-01-01 10:00:00	1	<a href="#">View</a> <a href="#">Edit</a>

Limit filter



ID	NAME	TYPE	STATUS	UPDATE DATE	REVIEW DATE	ITEM COUNT	ACTIONS
----	------	------	--------	-------------	-------------	------------	---------

No Match



ID	NAME	TYPE	STATUS	UPDATE DATE	REVIEW DATE	ITEM COUNT	ACTIONS
1	JOHN DOE	Customer	Active	2023-01-01 10:00:00	2023-01-01 10:00:00	1	<a href="#">View</a> <a href="#">Edit</a>

User page association



100%

## Task #2 ( 1.50 pts.) - All Users Association Page

### Combo Task:

**Weight: 25%**

**Objective:** *All Users Association Page*

**Details:**

- Each line item should have a logical summary
- Each line item should include the username this entity is associated with
  - Clicking the username should redirect to that user's public profile
- Each line item should include a column that shows the total number of users the entity is associated with
- Each line item should have a link/button to a single view page of the entity
- Each line item should have a link/button to a delete action of the relationship (doesn't delete the entity or user, just the relationship)
- The page should have a section for stats (number of results and total number possible based on the query filters)
- The page should have logical options for filtering/sorting
  - A limit should be applied between 1 and 100 and controlled by the user (server-side enforces rules)
  - A filter with no matching records should show "no results available" or equivalent

### Image Prompt

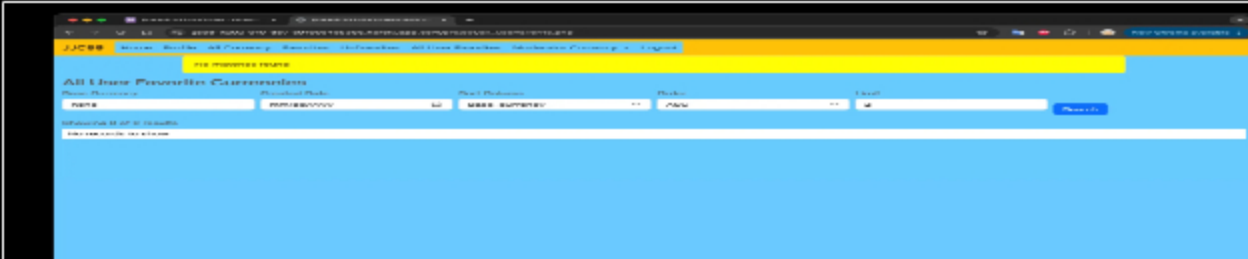
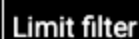
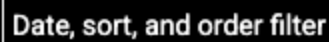
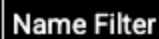
**Weight: 50%**

**Details:**

- Show a few examples of this page from heroku dev with various filters applied
- Ensure heroku dev url is visible
- Ensure each requirement is visible



## All User Association





No match filter



100%

## Task #3 ( 1.50 pts.) - Unassociated Page

### Combo Task:

**Weight:** 25%

**Objective:** *Unassociated Page*

**Details:**

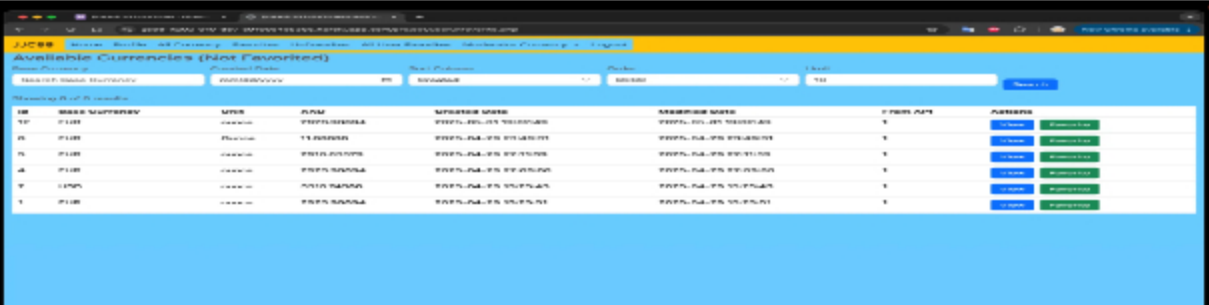
- Each line item should have a logical summary
- Each line item should have a link/button to a single view page of the entity
- The page should have a section for stats (number of results and total number possible based on the query filters)
- The page should have logical options for filtering/sorting
  - A limit should be applied between 1 and 100 and controlled by the user (server-side enforces rules)
  - A filter with no matching records should show "no results available" or equivalent

### ⇒ Image Prompt

**Weight:** 50%

**Details:**

- Show a few examples of this page from heroku dev with various filters applied
- Ensure heroku dev url is visible
- Ensure each requirement is visible





Unassigned data page

ID	NAME	UNIT	PRODUCT	STATUS	UNIT	UNIT	UNIT
1	USD	USD	USD	Active	USD	USD	USD
2	EUR	EUR	EUR	Active	EUR	EUR	EUR
3	GBP	GBP	GBP	Active	GBP	GBP	GBP
4	JPY	JPY	JPY	Active	JPY	JPY	JPY
5	CHF	CHF	CHF	Active	CHF	CHF	CHF

Name Filter

ID	NAME	UNIT	PRODUCT	STATUS	UNIT	UNIT	UNIT
1	USD	USD	USD	Active	USD	USD	USD
2	EUR	EUR	EUR	Active	EUR	EUR	EUR
3	GBP	GBP	GBP	Active	GBP	GBP	GBP
4	JPY	JPY	JPY	Active	JPY	JPY	JPY
5	CHF	CHF	CHF	Active	CHF	CHF	CHF

Date, sort, and order filter

ID	NAME	UNIT	PRODUCT	STATUS	UNIT	UNIT	UNIT
1	USD	USD	USD	Active	USD	USD	USD
2	EUR	EUR	EUR	Active	EUR	EUR	EUR
3	GBP	GBP	GBP	Active	GBP	GBP	GBP
4	JPY	JPY	JPY	Active	JPY	JPY	JPY
5	CHF	CHF	CHF	Active	CHF	CHF	CHF

Limit filter

ID	NAME	UNIT	PRODUCT	STATUS	UNIT	UNIT	UNIT
1	USD	USD	USD	Active	USD	USD	USD
2	EUR	EUR	EUR	Active	EUR	EUR	EUR
3	GBP	GBP	GBP	Active	GBP	GBP	GBP
4	JPY	JPY	JPY	Active	JPY	JPY	JPY
5	CHF	CHF	CHF	Active	CHF	CHF	CHF

No match

100%

## Task #4 ( 1.50 pts.) - Admin Association Page (Like User Roles)

### Combo Task:

**Weight:** 25%

**Objective:** Admin Association Page (Like User Roles)

**Details:**

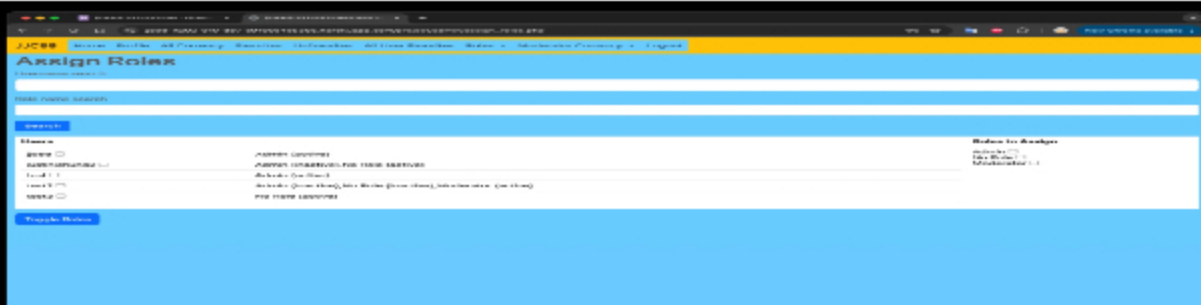
- The page should have a form with two fields
  - Partial match for username
  - Partial match for entity reference (name or something user-friendly)
- Submitting the form should give up to 25 matches of each
  - Likely best to show as two separate columns
- Each entity and user will have a checkbox next to them
- Submitting the checked associations should apply the association if it doesn't exist; otherwise it should remove the association
  - A filter with no matching records should show "no results available" or equivalent

### Image Prompt

**Weight:** 50%

**Details:**

- Show a few examples of this page from heroku dev with various selections having been submitted
- Ensure heroku dev url is visible
- Ensure each requirement is visible

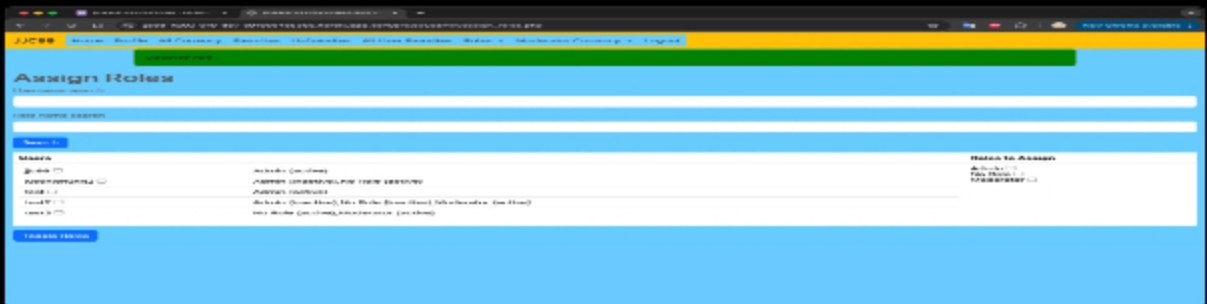


Admin assign role page

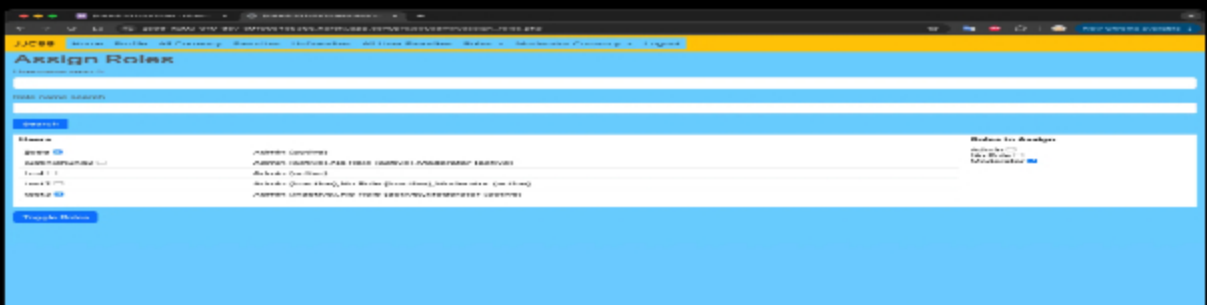




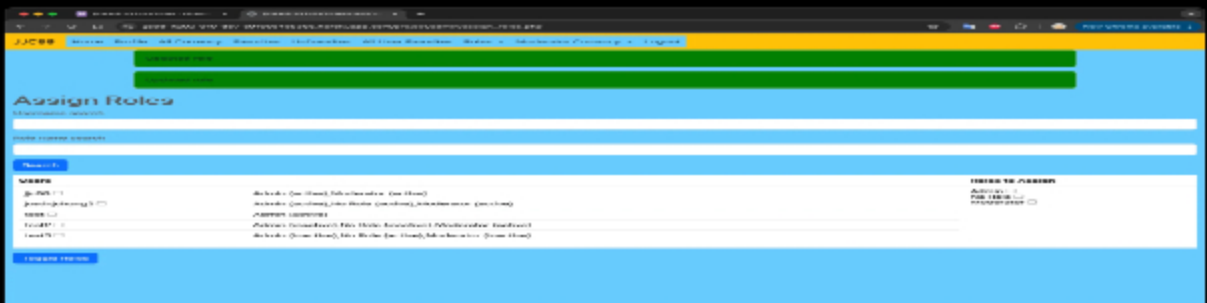
user test 3 and role moderator



role updated



user 3 remove moderator and user jkc assign moderator



Roles updated



## Section #3: ( 1 pt.) Misc

### Task #1 ( 0.33 pts.) - Github Details

#### Combo Task:

**Weight:** 33.33%

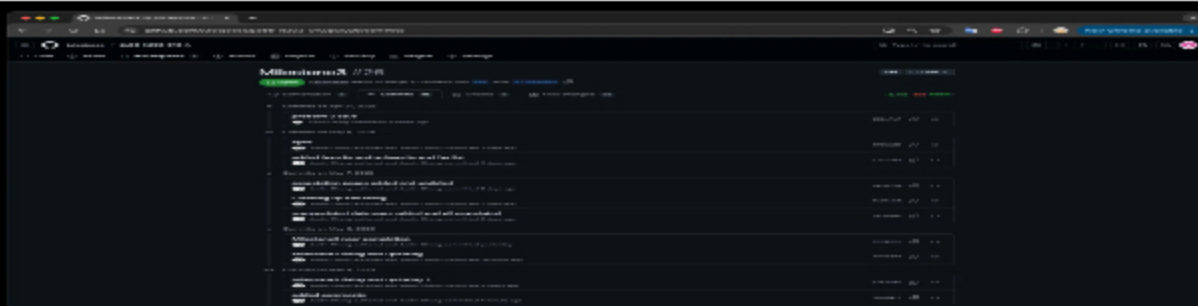
**Objective:** Github Details

#### Image Prompt

**Weight:** 60%

**Details:**

From the Commits tab of the Pull Request screenshot the commit history



commits



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#### Url Prompt

**Weight:** 40%

**Details:**

Include the link to the Pull Request for Milestone3 to dev (should end in `/pull/#`)

URL #1

<https://github.com/juicejoose/jjc88->



URL

<https://github.com/juicejoose/jjc88>



100%

## Task #1 ( 0.33 pts.) - What did you learn?

### ≡ Text Prompt

**Weight:** 33.33%

**Objective:** *What did you learn?*

**Details:**

Briefly answer the question (at least a few decent sentences)

Your Response:

I learned alot of how handle data and creating associations with current user and all created users. Handling user authorization such as stopping other users to modify other users. Buidling favorite andd unfavorite logic. Also learned how to use new filters and integrating it with the fetched data and page stats results.



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100%

## Task #2 ( 0.33 pts.) - What was the easiest part of the assignr

### ≡ Text Prompt

**Weight:** 33.33%

**Objective:** *What was the easiest part of the assignment?*

**Details:**

Briefly answer the question (at least a few decent sentences)

Your Response:

The easiest part of the assignment was setting up the site html side. Setting up the formatting such as the table using the form render functions made it helpful. Also just button placement and labels, as it was very easily repeatable.



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100%

## Task #3 ( 0.33 pts.) - What was the hardest part of the assigni

## Text Prompt

**Weight:** 33.33%

**Objective:** *What was the hardest part of the assignment?*

**Details:**

Briefly answer the question (at least a few decent sentences)

Your Response:

The hardest part of the assignment was to association working with my data and having it show correctly. I would have lot of troubleshooting with saving user favorites. Additionally working on filtering logic and stat function was hard but still doable.



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