Submission Worksheet

Submission Data

Course: IT202-450-M2025

Assignment: IT202 Milestone 1

Student: Noah G. (njg44)

Status: Submitted | **Worksheet Progress:** 97%

Potential Grade: 9.20/10.00 (92.00%)

Received Grade: 0.00/10.00 (0.00%)

Started: 7/14/2025 9:22:29 PM

Updated: 7/14/2025 10:52:30 PM

Grading Link: https://learn.ethereallab.app/assignment/v3/IT202-450-M2025/it202-milestone-1/grading/njg44

View Link: https://learn.ethereallab.app/assignment/v3/IT202-450-M2025/it202-milestone-1/view/njg44

Instructions

- Overview Link: https://youtu.be/IDtqdaLwcVg

1. Refer to Milestone1 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 Milestone1 branch
   1. `git checkout Milestone1` (ensure proper starting branch)
   2. `git pull origin Milestone1` (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 Milestone1`
   4. On Github merge the pull request from `Milestone1` 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: (2 pts.) Feature: User Will Be Able To Register A New Account

Progress: 100%

--- Section Collapsed ---

Section #2: (2 pts.) Feature: User Will Be Able To Login To Their Account

Progress: 100%

--- Section Collapsed ---

Section #3: (1 pt.) Feature: User Will Be Able To Logout

Progress: 100%

--- Section Collapsed ---

Section #4: (2 pts.) Feature: Security Rules

Progress: 66%

🖼 Task #1 (1 pt.) - Database Tables

Progress: 100%

--- Task Collapsed ---

☰ Task #2 (1 pt.) - Demo Security Rules

Progress: 33%

🖼 Part 1:

Progress: 0%

Details:

    - Show the message related to needing to be logged in (i.e., try to manually ac
    - Show the message related to not having the proper permission/role (i.e., try
    - Include a snippet of the login check function
    - Include a snippet of the role check function

Missing Caption

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🔗 Part 2:

Progress: 100%

Details:

- Include the pull request url for this feature

URL #1
https://github.com/RVXTD/njg44-IT202-458// files#diff-175c6c25a4b21d4a06146da3299a7a6e37e198fc76072e7367eaa5d0a132bfc8

👍 URL
https://github.com/RVXTD/njg44-

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≡, Part 3:

Progress: 0%

Details:

```
    - Briefly explain how the login check code works
    - Briefly explain how the role check code works
```

Your Response:

Missing Response

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Section #5: (2 pts.) Feature: User Profile

Progress: 100%

≡ Task #1 (1 pt.) - Validation

Progress: 100%

Details:

- Show the relevant code snippets for each validation layer
- Show the relevant demo of each validation layer
- Briefly explain how the validation steps work at each layer

≡ Task #1 (0.33 pts.) - HTML Form/Validation

Progress: 100%

Details:

- System should allow the user to correct the error without wiping/clearing the form (for the PHP side this includes sticky-form logic to keep the username/email address

entries)

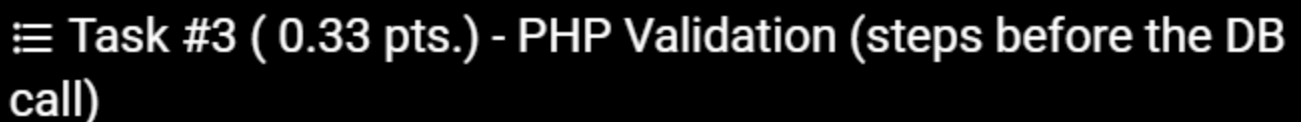## 🖼 Part 1:

<div style="text-align:center">Progress: 100%</div>

Details:

- Show the code related to the profile page's form (HTML validation)
- Show examples of each validation message (you may be able to capture this in one or few screenshots)

<div style="text-align:center">HTML Validation</div>

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✍ Part 2:

<div style="text-align:center">Progress: 100%</div>

Details:

- Briefly explain the validation step (i.e, what you chose, how they solve the requirement)

Your Response:

HTML validation uses built-in attributes like required and type="email" to make sure the user doesn't leave fields blank and that the email format is valid. This happens automatically in the browser and blocks form submission if those rules are violated.

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≣ Task #2 (0.33 pts.) - JS Validation (validate() function)

<div style="text-align:center">Progress: 100%</div>

🖼 Part 1:

<div style="text-align:center">Progress: 100%</div>

Details:

- Show the code related to the profile page's validate() function
- Show examples of each validation message [username format, email format, password format, password doesn't match confirm] (you may be able to capture this in one or few screenshots)
- Note: You may need to use dev tools to temporarily apply `novalidate` to the form tag

JS Validate

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≡ Part 2:

Progress: 100%

Details:

- Briefly explain the validation step (i.e, what you chose, how they solve the requirement)

Your Response:

JS validation runs in the browser when the form is submitted and checks for correct email and username formats, and that all password fields are filled and match if a password change is attempted. It provides quick feedback and stops submission if any client-side rules fail, but it can be bypassed, so it's always backed up by PHP.

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≡ Task #3 (0.33 pts.) - PHP Validation (steps before the DB call)

Progress: 100%

▣ Part 1:

Progress: 100%

Details:

- Show the code related to the profile page's PHP validation
- Show examples of each validation message [username format, email format,

password format, invalid password, password doesn't match confirm, username taken, email taken] (you may be able to capture this in one or few screenshots)
- Note: You may need to use dev tools to temporarily apply `novalidate` to the form tag and temporarily override the validate() function or use the provided helper script in the instructions

PHP Validation Pt. 1

PHP Validation Pt. 2

```
130                    if ($updated_rows === 0) {
131                        flash("No changes made to password", "warning");
132                    } else if ($updated_rows == 1) {
133                        flash("Password updated successfully", "success");
134                    } else {
135                        // this shouldn't happen, but we log it just in case
136                        error_log("Unexpected number of rows updated for password change: " . $updated_rows);
137                    }
138                }
139            } else {
140                error_log("No password field in result");
141            }
142        } catch (Exception $e) {
143            flash("Error processing password change", "danger");
144            error_log("Error processing password change: " . var_export($e, true));
145        }
146    }
147    }
148 }
149 }
150 ?>
```

PHP Validation Pt. 3

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≡⁄ Part 2:

Progress: 100%

Details:

- Briefly explain the validation step (i.e, what you chose, how they solve the requirement)

Your Response:

PHP validation runs on the server after form submission and checks if the email and username are valid formats, if the new password meets security requirements, and if the current password matches the one in the database. It ensures that only clean, correct, and authorized data updates the user's profile and credentials.

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🔗 Task #2 (1 pt.) - Related URLs

Progress: 100%

Details:

- Include the direct link to this file from the Milestone branch (should end in .php)
- Include the heroku prod link to this file (Just grab the base prod url and manually enter the path to the file)
- Include the related pull request link for this feature

URL #1

https://github.com/RVXTD/njg44-IT202450Milestone1/public_html/project/profile.php

👍 | URL https://github.com/RVXTD/nj | 🗑️

URL #2

https://njg44-it202-450-prod-f2d2f35b0926.herokuapp.com/project/profile.php

👍 | URL https://njg44-it202-450-prod- | 🗑️

URL #3

https://github.com/RVXTD/njg44-IT202450//

files#diff-175c6c25a4b21d4a06146da3299a7a6e37e198fc76072e7367eaa5d0a132bfc8

👍 | URL https://github.com/RVXTD/nj | 🗑️

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Section #6: (1 pt.) Misc

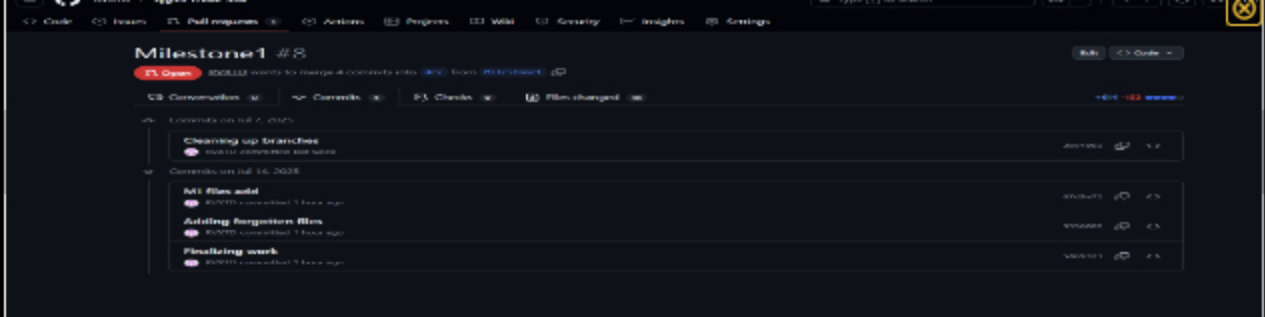Progress: 100%

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

Progress: 100%

🖼 Part 1:

Progress: 100%

Details:

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

Commit History

🔗 Part 2:

Progress: 100%

Details:

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

URL #1

https://github.com/RVXTD/njg44-
IT202-450/

👍 URL
https://github.com/RVXTD/njg44-

🖼 Task #2 (0.33 pts.) - WakaTime - Activity

Progress: 100%

Details:

- Visit the WakaTime.com Dashboard
- Click `Projects` and find your repository
- Capture the overall time at the top that includes the repository name
- Capture the individual time at the bottom that includes the file time
- Note: The duration isn't relevant for the grade and the visual graphs aren't necessary
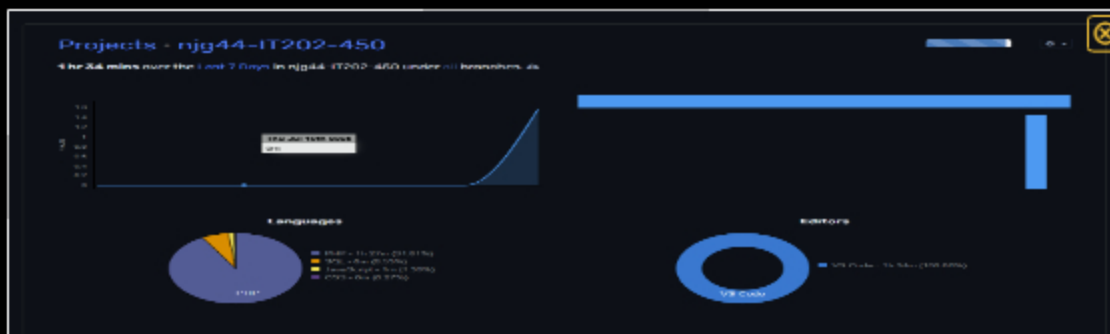
WakaTime

☰ Task #3 (0.33 pts.) - Reflection

Progress: 100%

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

Progress: 100%

Details:

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

Your Response:

I learned how to properly utilize SQL Tables in conjunction with forms. I also learned how to do validation in HTM, JS, and PHP

✑ Task #2 (0.33 pts.) - What was the easiest part of the assignment?

Progress: 100%

Details:

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

Your Response:

The easiest part of the assignment for me was to fill out the form and take the screenshots.

✑ Task #3 (0.33 pts.) - What was the hardest part of the assignment?

Progress: 100%

Details:

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

Your Response:

The hardest patrt for me, was forgetting some of the steps needed to properly access the material to screenshot it. I also had some branch issues with Github

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The hardest patrt for me, was forgetting some of the steps needed to properly access the material to screenshot it. I also had some branch issues with Github

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