

Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-init-db-setup-checkpoint/grade/njz5>

IT202-008-S2024 - [IT202] Init DB Setup Checkpoint

Submissions:

Submission Selection

1. 1 Submission [active] 2/18/2024 8:10:56 PM

Instructions

Reminder: Make sure you start in dev and it's up to date

- 8.
9. `git checkout dev`
10. `git pull origin dev`
11. `git checkout -b ProjectSetup`

Steps:

12. Create a new folder in public_html called **Project** if it doesn't exist (however you call it be aware of case sensitivity)
13. Create a new folder in Project called **sql**
14. Create a new file in sql called `init_db.php`
15. Paste the content from <https://gist.github.com/MattToegel/6a8310e3ac19fe505870e5ebfa8cf4ea>
16. You will get errors if this is not in the proper location
17. Create another file in sql called `001_create_table_users.sql`
18. Paste the content from <https://gist.github.com/MattToegel/f3b39da97fba38bd04fc7073ad0a627e>
- Add/commit/push these to the new branch (if you haven't yet)
- Create the pull request on github but do not complete it yet
- Create a new folder in public_html called **M4**
- Fill out the below deliverables and add the output PDF to the M4 folder
- Note: You'll need to manually deploy ProjectSetup to heroku dev to capture some of the screenshots
- Add/commit/push the new changes
- Verify all of the files appear as expected in the ProjectSetup branch
- M4/m4_submission.md (note M4 is not in Project, but in public_html)
- Project/sql/init_db.php
- Project/sql/001_create_table_users.sql
- Complete the merge/pull request from step 8
- Create a new pull request from dev to prod and complete it
- Go back to your local repo
- `git checkout dev`
- `git pull origin dev`
- Upload the same output PDF to Canvas

Branch name: ProjectSetup

Tasks: 5 Points: 10.00

Verify Setup (6 pts.)

^COLLAPSE ^

Task #1 - Points: 1

Text: Verify Heroku Dev Deployment by visiting the path to init_db.php

Details:

Note: You'll need to manually deploy this branch to Heroku Dev and then manually navigate to the correct path.

If steps were followed correctly the path should be /Project/sql/init_db.php

Checklist

*The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #1	1	Shows 001_create_table_user.sql status as success or blocked (any other output is likely an error). Blocked is fine as it just means it ran correctly once before and the script is saving a wasted DB call.
<input type="checkbox"/> #2	1	URL clearly shows it's from Heroku dev (which should also include the UCID)

Task Screenshots:

Gallery Style: Large View

Small

Medium

Large

[HW] Init DB Setup (short/... X)Learn X Copied and pasted given to: X it202-njz5-dev - GitHub | H: X it202-njz5-dev-d7eb077a19c4... X + v

← → ↻ https://it202-njz5-dev-d7eb077a19c4.herokuapp.com/Project/sql/init_db.php ☆

Database Helper Tool

► Info (About the tool)

Found 1 files...

▼ Running: /app/public_html/Project/sql/001_create_table_users.sql

```
CREATE TABLE IF NOT EXISTS `Users` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `email` VARCHAR(100) NOT NULL,  
  `password` VARCHAR(60) NOT NULL,  
  `created` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,  
  `modified` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,  
  PRIMARY KEY (`id`),  
  UNIQUE (`email`)  
)
```

▼ Status: Success

```
array (  
  0 => '00000',  
  1 => NULL,
```

```
2 => NULL,  
)
```

Init complete, used approximately 2 db calls.

Visiting init_db on dev deployment.

Checklist Items (2)

#1 Shows 001_create_table_user.sql status as success or blocked (any other output is likely an error). Blocked is fine as it just means it ran correctly once before and the script is saving a wasted DB call.

#2 URL clearly shows it's from Heroku dev (which should also include the UCID)

Task #2 - Points: 1

Text: Verify DB changes via MySQL Extension

Details:

Note: If you ran things correctly and don't see the table after fully expanding the hierarchy you may need to click one of the refresh icons in the MySQL Extension side panel.

Checklist

*The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #1	1	Screenshot the left panel that opens showing your DB connection with your UCID as the DB name and with the tables expanded showing the table was created.
<input type="checkbox"/> #2	1	Clearly shows generated table name with columns (there likely won't be data and this is ok). This will include the main content area that's populated when a table is inspected

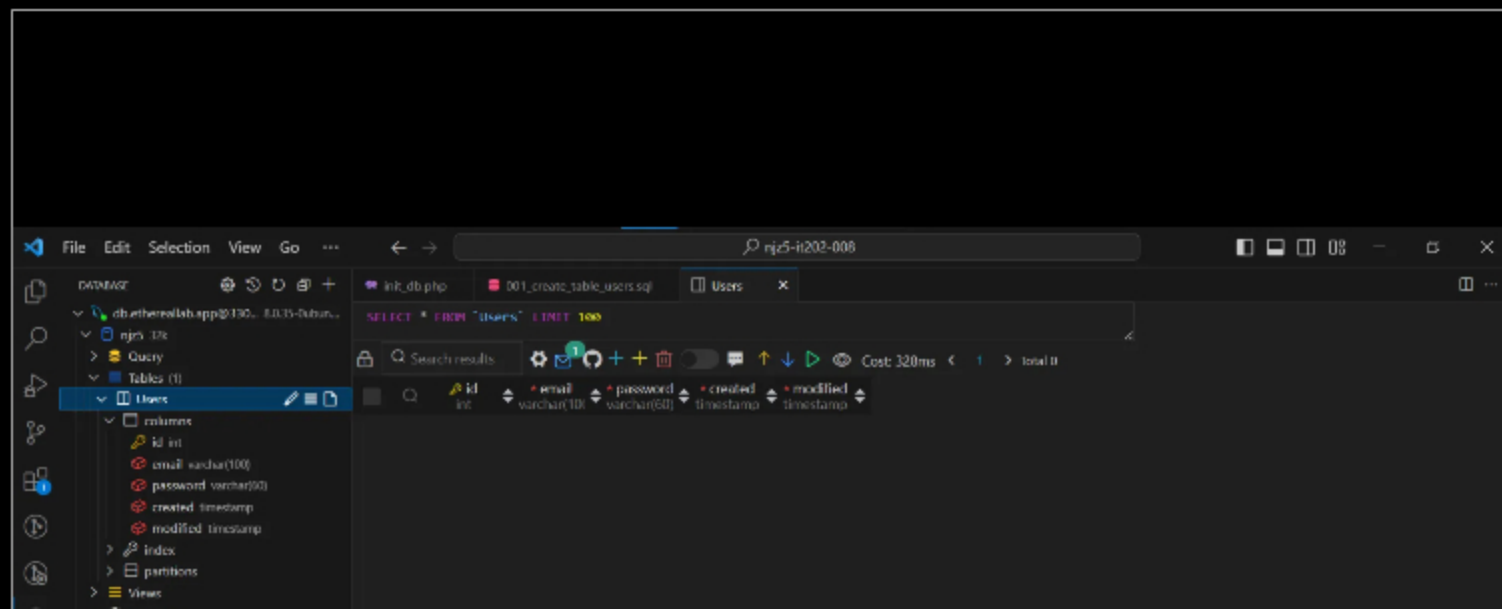
Task Screenshots:

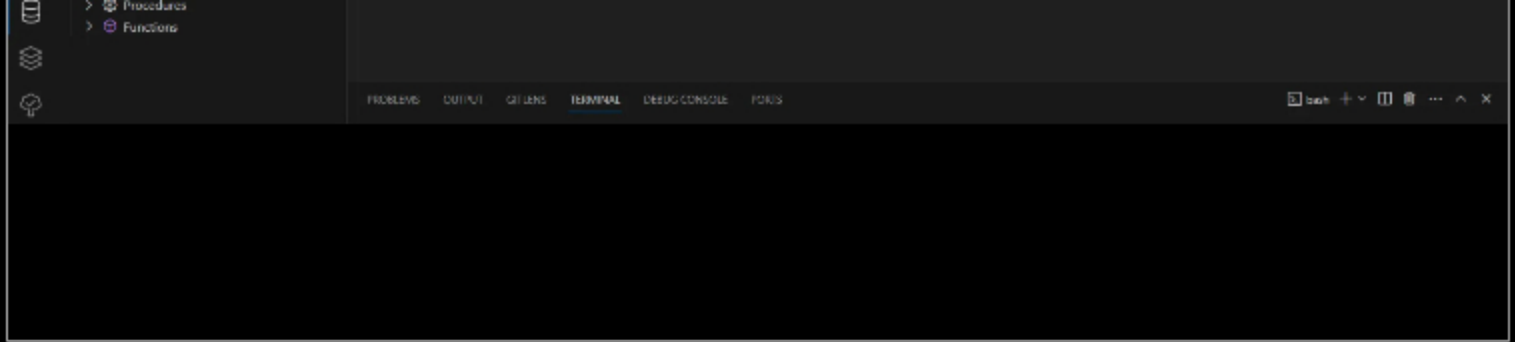
Gallery Style: Large View

Small

Medium

Large





Viewing database with MySQL extension.

Checklist Items (2)

#1 Screenshot the left panel that opens showing your DB connection with your UCID as the DB name and with the tables expanded showing the table was created.

#2 Clearly shows generated table name with columns (there likely won't be data and this is ok). This will include the main content area that's populated when a table is inspected

Misc (4 pts.)

^COLLAPSE ^



^COLLAPSE ^

Task #1 - Points: 1

Text: Reflect on learning

Checklist

*The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #1	1	Significant response (few sentences). (i.e., can discuss the purpose and usage of init_db.php)

Response:

The file init_db.php is used to run the sql table-building queries that we create. These files are executed based on their numerical file names, ensuring they run in the proper order. For instance, a table has to be created before you try to alter it. This file provides the benefits of recovery and migration. By saving and backing up the queries into files, they can be ran again in the future through this automated process. This means we can replicate or rebuild our database's structure with minimal effort required.



^COLLAPSE ^

Task #2 - Points: 1

Text: Reflect on challenges/experience

Checklist

*The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #1	1	Response is a discussion about an actual issue/experience
<input type="checkbox"/> #2	1	If an issue was mentioned, it was resolved or at least reached out about and pending a resolution. (Should really be resolved by time of submission)

Response:

response.

The instructions were clear and straight-forward to follow, so I was able to complete the assignment without any issues. I understand how the init_db.php file is used to run structure-building queries saved in files so it can rebuild the database if necessary in an automated way.



^COLLAPSE ^

Task #3 - Points: 1

Text: Heroku and Pull Request Links

Checklist

*The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #1	1	Include pull request link for this assignment (should end with /pull/#)
<input type="checkbox"/> #2	1	Include a link to the init_db.php file on Heroku Prod. Note: during submission this is an anticipated URL that will only work once everything is done and the final dev->prod pull request is complete.

URL #1

<https://github.com/NickZub/njz5-it202-008/pull/8>

URL #2

https://it202-njz5-prod-bedd6fae57b2.herokuapp.com/Project/sql/init_db.php

End of Assignment