

Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-init-db-setup-checkpoint/grade/jn426>

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

Submissions:

Submission Selection

1 Submission [active] 2/19/2024 7:11:48 PM

Instructions

^ COLLAPSE ^

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

```
git checkout dev
git pull origin dev
git checkout -b ProjectSetup
```

Steps:

Create a new folder in public_html called **Project** if it doesn't exist (however you call it be aware of case sensitivity)

create a new folder in Project called **sql**

Create a new file in sql called init_db.php

Paste the content

from <https://gist.github.com/MattToegel/6a8310e3ac19fe505870e5ebfa8cf4ea>

You will get errors if this is not in the proper location

Create another file in sql called 001_create_table_users.sql

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

Yes

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:

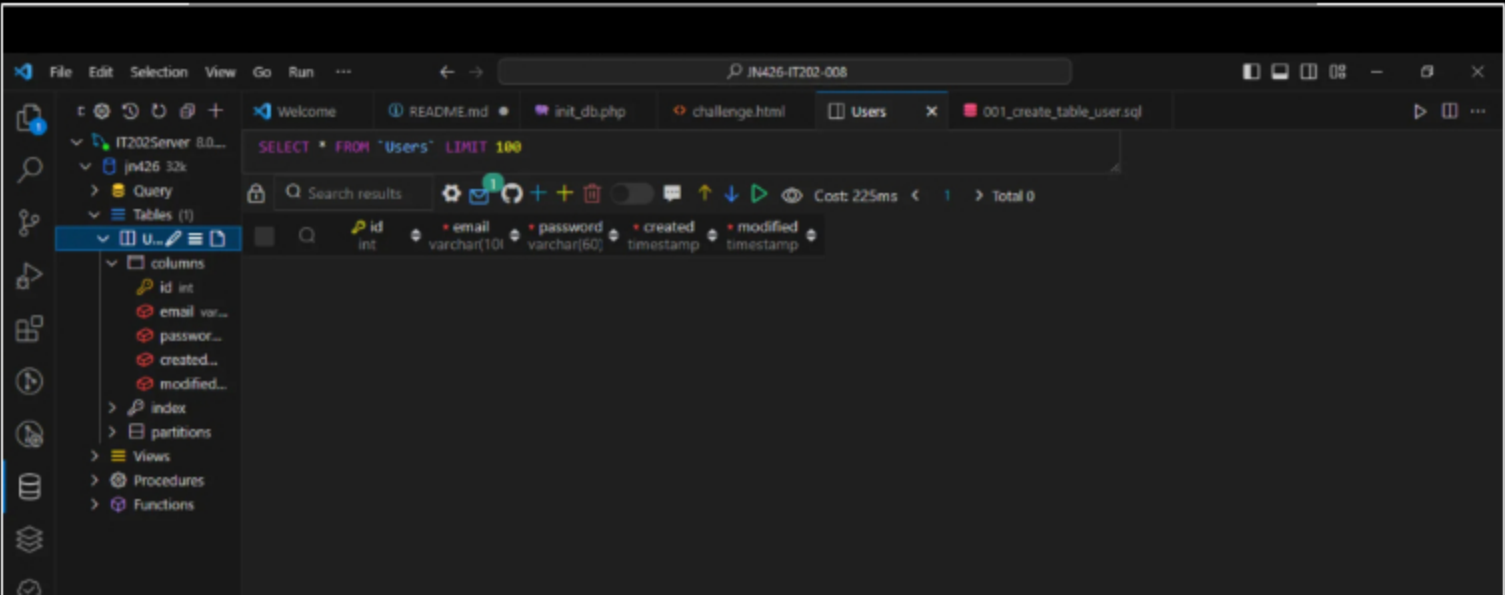
Note: If you ran things correctly and don't see the table after fully expanding the hierarchy you may need to click one of the refresh icons in the MySQL Extension side panel.

| Checklist | | | *The checkboxes are for your own tracking |
|-----------|--------|---|---|
| # | Points | Details | |
| #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. | |
| #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

SmallMediumLarge



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GIT LENS
$ git add .
Jenna@DESKTOP-CS8PMQ9 MINGW64 /c:/JN426-IT202-008 (ProjectSetup)
$ git status
On branch ProjectSetup
nothing to commit, working tree clean
Jenna@DESKTOP-CS8PMQ9 MINGW64 /c:/JN426-IT202-008 (ProjectSetup)
$ git commit -m []
```

Y

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.)

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_dbd.php organizes and synchronize structural database queries stored in separate SQL files. It automatically reads and executes these files in a specified order when accessed through a browser. The tool specifically handles queries without parameters, allowing for the seamless management of database structures. It emphasizes the importance of idempotent SQL files to prevent unintended duplicates during execution. Additionally, the file includes robust error reporting mechanisms and counts the number of database calls made during the initialization process for monitoring and troubleshooting.

Task #2 - Points: 1

Text: Reflect on challenges/experience

Checklist

*The checkboxes are for your own tracking

| # | Points | Details |
|--|--------|--|
| <input checked="" type="checkbox"/> #1 | 1 | Response is a discussion about an actual issue/experience |
| | | If an issue was mentioned, it was resolved or at least reached out about and pending a |

| | | |
|-----------------------------|---|--|
| <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:

The whole process went smoothly, the only issues I encountered were with uploading the files onto github. I somehow typed a command in wrong or added something to the wrong branch because after typing a command it erased all the new files I just made along with ones from module 3. The only solution was to remake the files and then carefully upload it to github. I had to do many merges and fix different conflicting files, ones that weren't even related to the ones on this project because github would not let me merge ProjectSetup and Dev. Not merging it was an issue because then I could not upload the project folder that was just made and deploy it on heroku. Eventually I sorted everything out.

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/jennatnguyen/JN426-IT202-008/pull/22>

URL #2

https://jn426-it202-prod-a94514875a20.herokuapp.com/project/sql/init_db.php

End of Assignment