Submission Worksheet

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https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-init-db-setup-checkpoint/grade/ekh3

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

Submissions:

Submission Selection

1 Submission [active] 2/13/2024 11:17:45 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:

1. Create a new folder in public_html called **Project** if it doesn't exist (however you call it be aware of case sensitivity)
2. create a new folder in Project called **sql**
3. Create a new file in sql called init_db.php
4. Paste the content
5. from https://gist.github.com/MattToegel/6a8310e3ac19fe505870e5ebfa8cf4ea
    - You will get errors if this is not in the proper location
6. Create another file in sql called 001_create_table_users.sql
7. Paste the content
8. from https://gist.github.com/MattToegel/f3b39da97fba38bd04fc7073ad0a627e
9. Add/commit/push these to the new branch (if you haven't yet)
10. Create the pull request on github but do not complete it yet
11. Create a new folder in public_html called **M4**
12. 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
13. Add/commit/push the new changes
14. 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
15. Complete the merge/pull request from step 8
16. Create a new pull request from dev to prod and complete it
17. Go back to your local repo

```
git checkout dev
git pull origin dev
```

18. Upload the same output PDF to Canvas

Branch name: ProjectSetup

Tasks: 5 Points: 10.00

Verify Setup (6 pts.)

^COLLAPSE^

^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

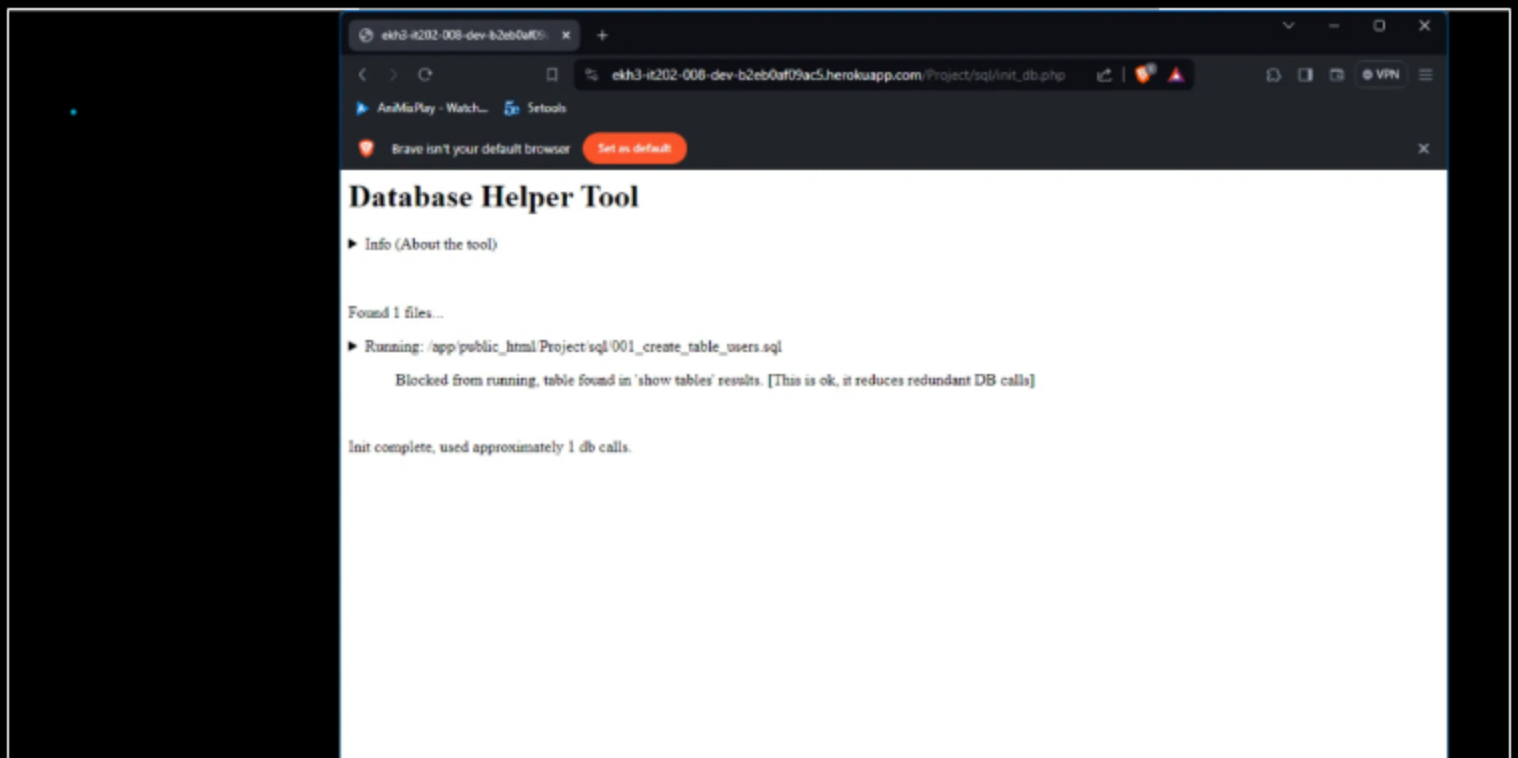
*The checkboxes are for your own tracking

#	Points	Details
#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.
#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



Visiting init_db.php on dev.

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)

^COLLAPSE ^

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

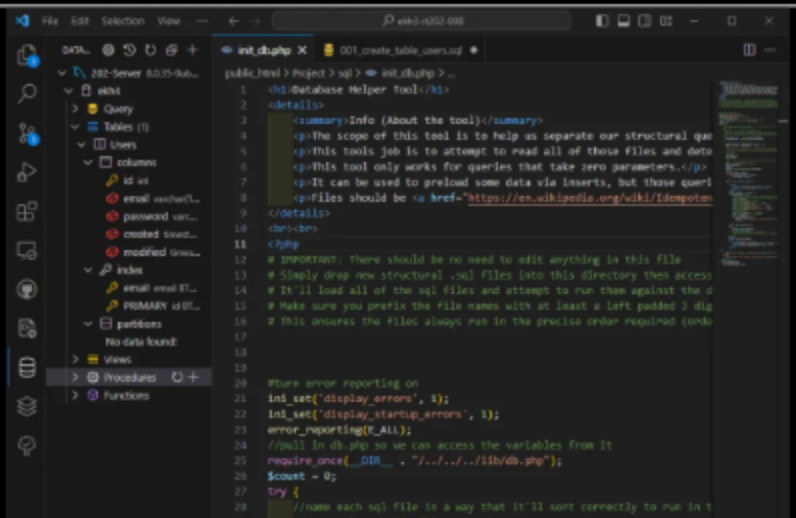
*The checkboxes are for your own tracking

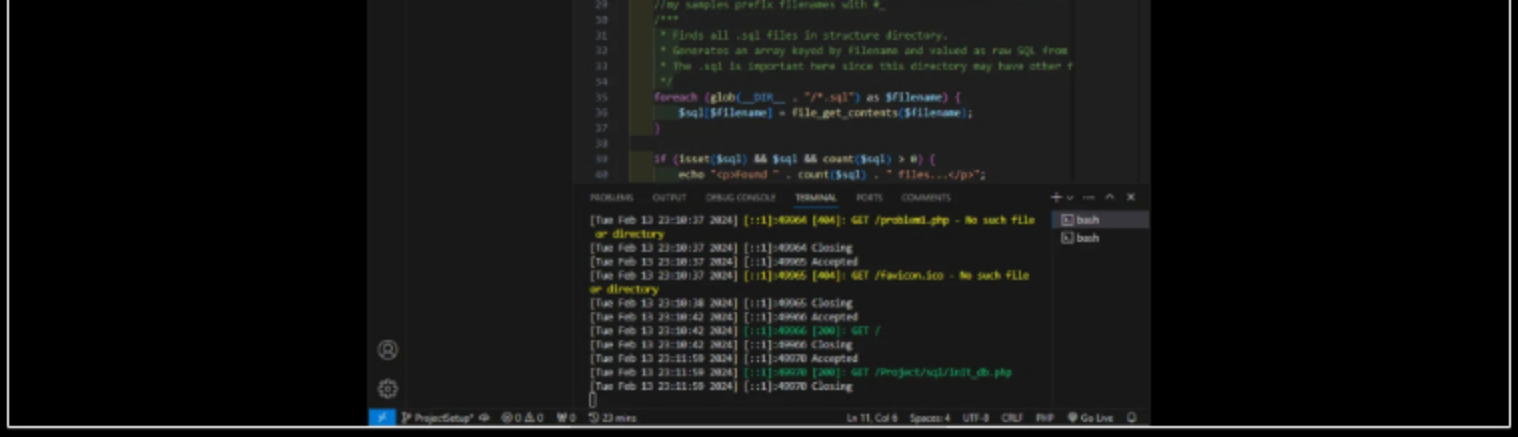
#	Points	Details
#1	1	Screenshot the left panel that opens showing your DB connection with your UCID as the DB name and with the tables expanded showing the table was created.
#2	1	Clearly shows generated table name with columns (there likely won't be data and this is ok). This will include the main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

Task Screenshots:

Gallery Style: Large View

Small Medium Large





Screenshot of DB 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.)

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Task #1 - Points: 1

Text: Reflect on learning

Checklist — *The checkboxes are for your own tracking

#	Points	Details
#1	1	Significant response (few sentences). (i.e., can discuss the purpose and usage of init_db.php)

Response:

The initialization shows how versatile PHP can be. Running the PHP page provides the ability to generate the SQL database. The purpose of the init_db.php was to generate the database that is provided by it202 and establish a table needed for the future. The PHP file would be able to check if the database exists and generate the database based on the SQL file. That being, it also shows the power of PHP as it was able to traverse the directory rather easily to get the file needed.

Task #2 - Points: 1

Text: Reflect on challenges/experience

Checklist — *The checkboxes are for your own tracking

#	Points	Details
#1	1	Response is a discussion about an actual issue/experience

#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:

There seem to be no issues regarding this assignment, therefore this is not much to speak about in that regard. The experience of setting up the DB was rather seamless, at least because the provided files helped tremendously. However, analyzing the files shows the strength of using PHP as a backend and using SQL to set up a database's tables quickly as its code was simplistic.

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Task #3 - Points: 1

Text: Heroku and Pull Request Links

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	Include pull request link for this assignment (should end with /pull/#)
#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/WokFriedE/ekh3-it202-008/pull/11

URL #2

https://ekh3-it202-008-prod-e9bbcd10cf36.herokuapp.com/Project/sql/init_db.php

End of Assignment