Submission Worksheet

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https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-init-db-setup-checkpoint/grade/lm457

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

Submissions:

Submission Selection

1 Submission [active] 2/18/2024 1:43:55 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.)

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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

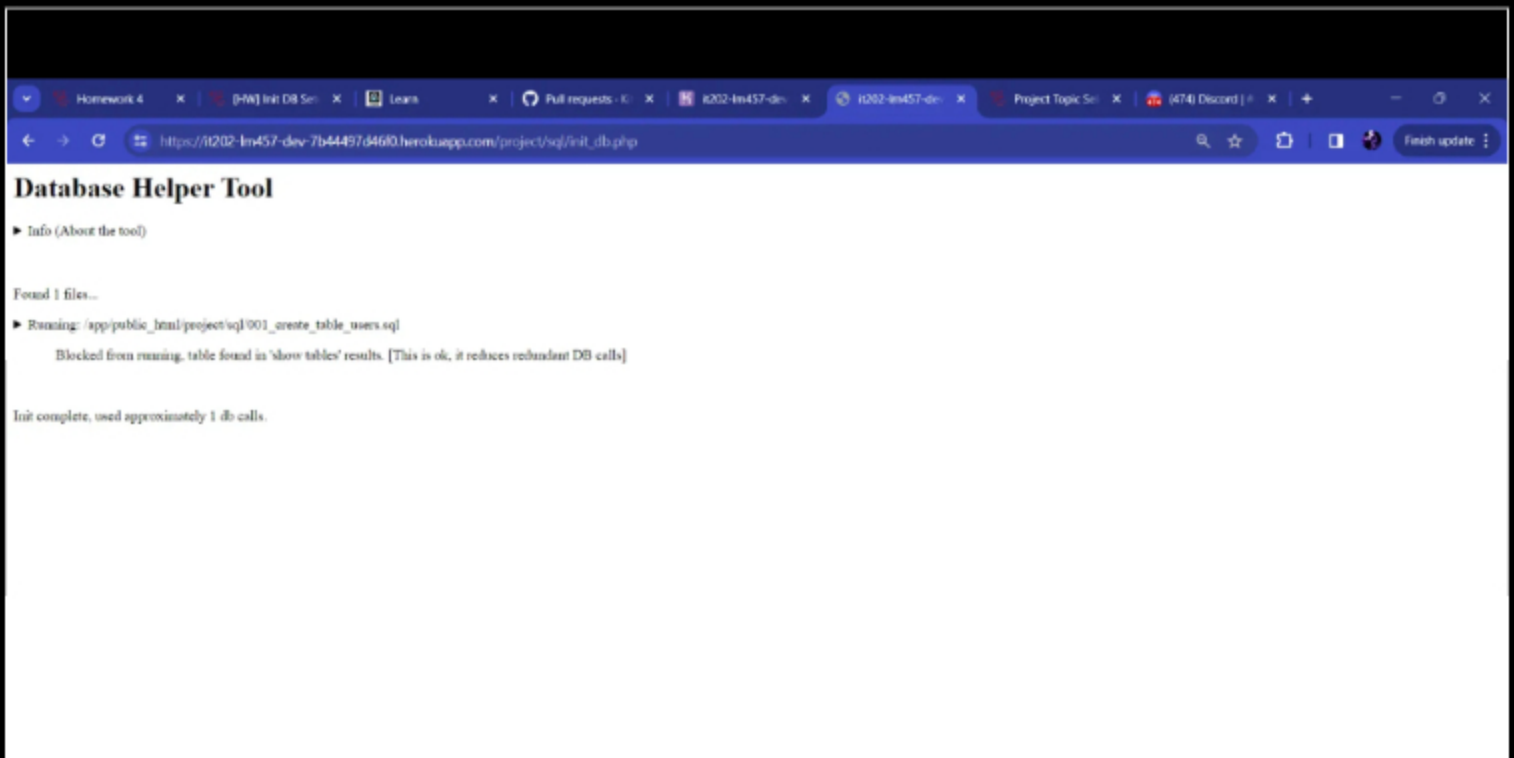
Checklist *The checkboxes are for your own tracking

#	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



heroku dev screenshot of the SQL table.

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

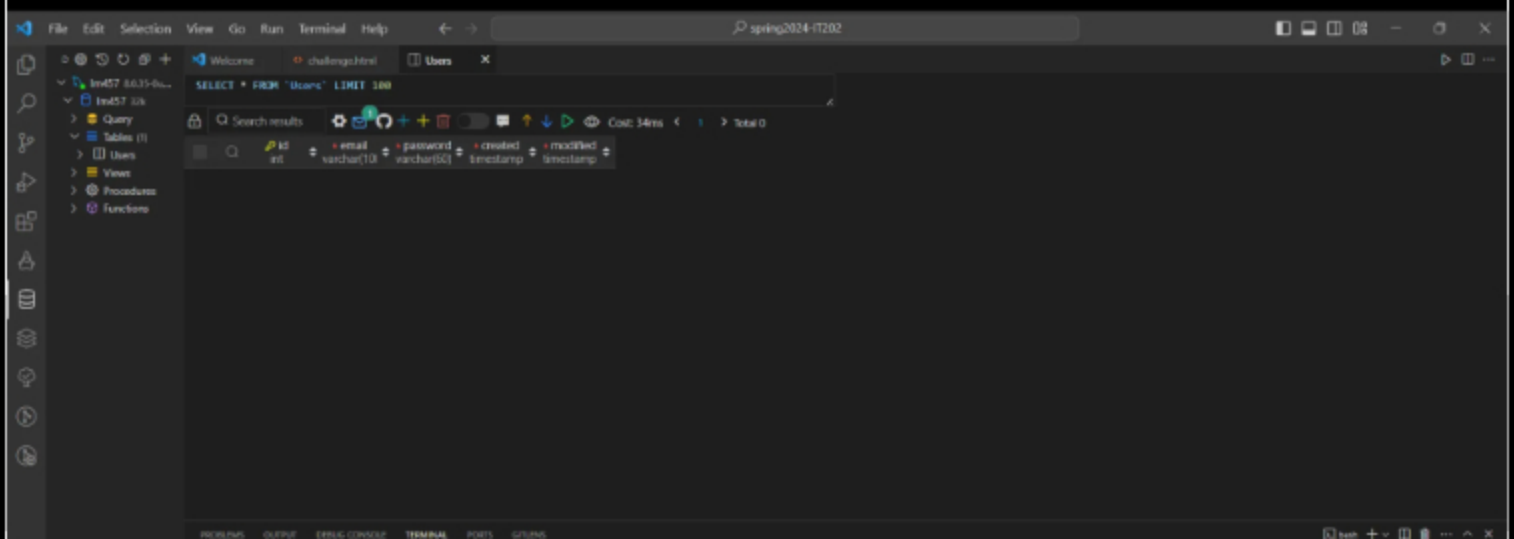
*The checkboxes are for your own tracking

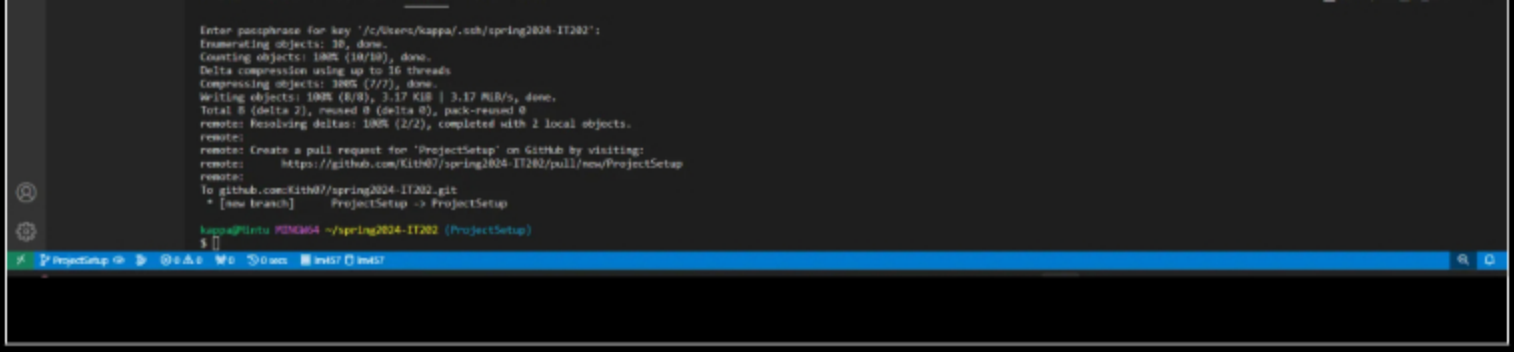
#	Points	Details
#1	1	Screenshot the left panel that opens showing your DB connection with your UCID as the DB name and with the tables expanded showing the table was created.
#2	1	Clearly shows generated table name with columns (there likely won't be data and this is ok). This will include the main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

Task Screenshots:

Gallery Style: Large View

Small Medium Large





VSCode extension screenshot of the database and the created table.

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:

This assignment is essentially the main setup we would need to work with future MySQL projects assigned in this class. I could see how and where SQL files would be stored when I eventually work on my Milestones. Creating the init_db file essentially serves the purpose of tracking all SQL files in my current folder and processing them using my SQL database in sequential order. In short, this file automates the process of reading and executing the SQL files when we CREATE, ALTER, or DROP Tables, etc. I was also able to see the table that was created and visualize, although at a very basic level, how data will be stored. As I was messing around in my database, I also gained insights into how I will be using queries to store, retrieve, and modify more data.

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:

This assignment was very short and straightforward and I had little to no challenges completing it. It was essentially a walkthrough of the setup procedure for automating the processing of future SQL files. If anything, the only small trouble I'm encountering is my difficulty in understanding the syntactical definitions of MySQL queries, although that should be relatively simple to resolve given adequate practice/time.

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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/Kith07/spring2024-IT202/pull/12

URL #2
https://github.com/Kith07/spring2024-IT202/pull/13

URL #3
https://it202-lm457-prod-cf97d0c34365.herokuapp.com/project/sql/init_db.php

End of Assignment