Submission Worksheet

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https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-init-db-setup-checkpoint/grade/yc73

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

Submissions:

Submission Selection

1 Submission [active] 2/18/2024 2:45:41 AM

Instructions

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

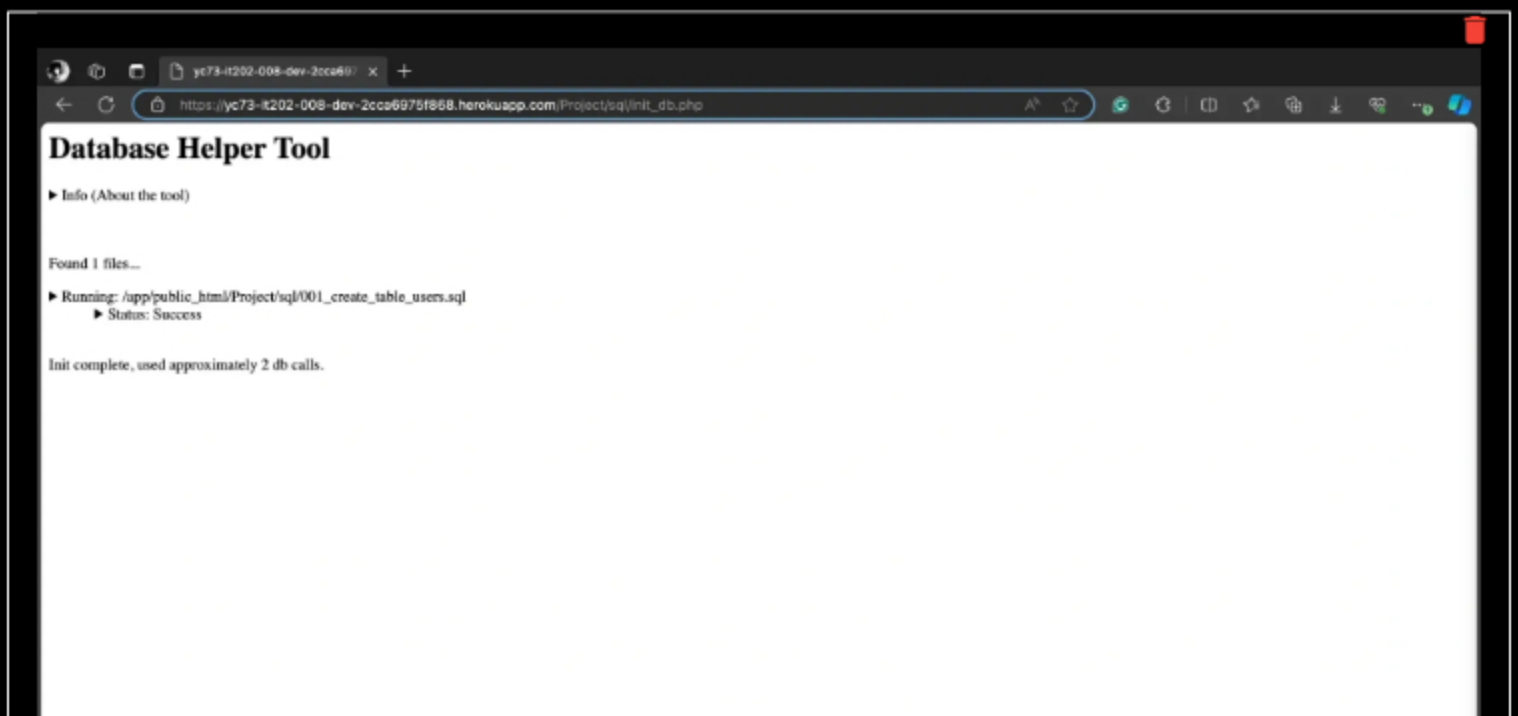
*The checkboxes are for your own tracking

#	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:

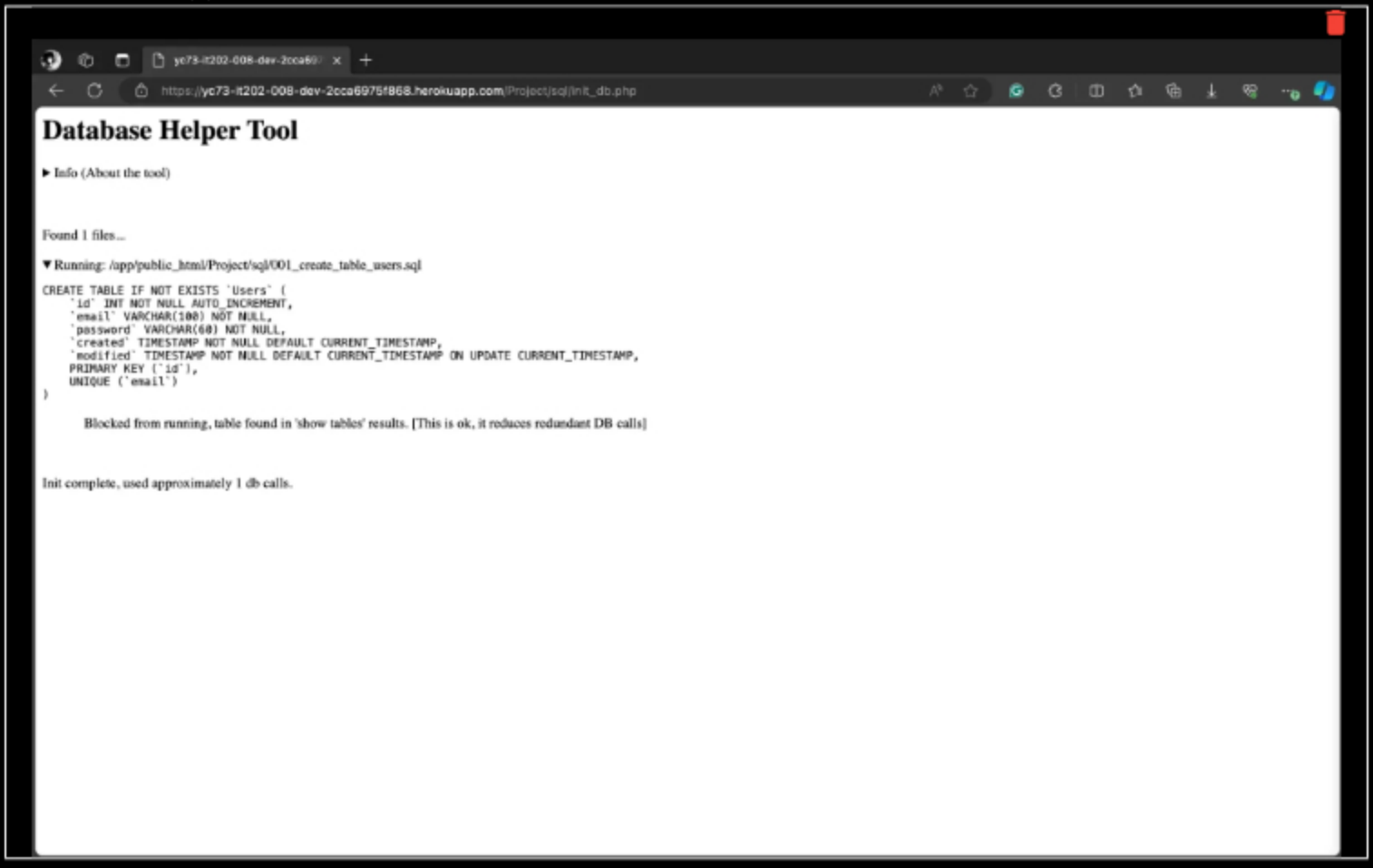
Gallery Style: Large View

Small Medium Large



Shows status as success

Checklist Items (0)



Showing status as blocked

Checklist Items (0)

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

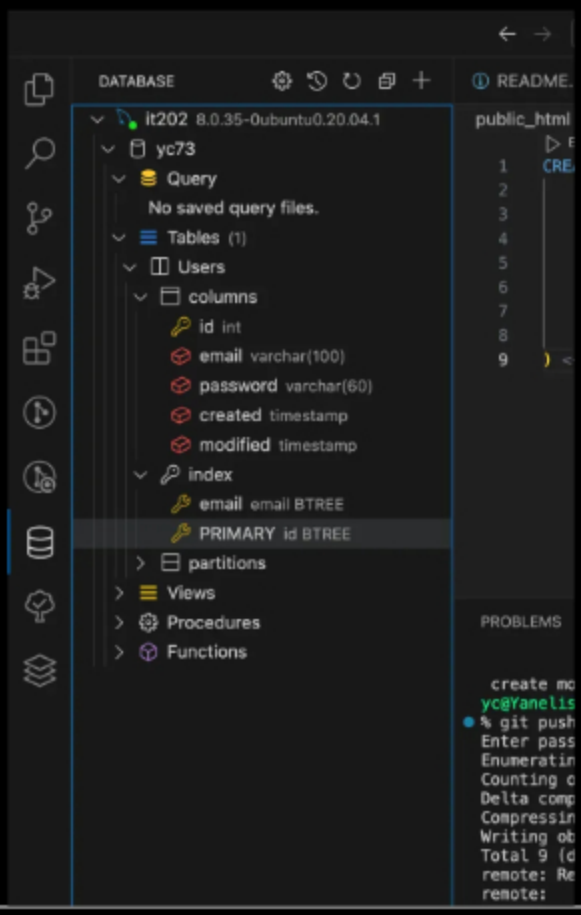
#	Points	Details
	1	Screenshot the left panel that opens showing your DB connection with your UCID as the DB

#1	1	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



Showing DB connection and generated table (expanded) with columns

Checklist Items (0)

Misc (4 pts.)

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COLLAPSE

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 purpose of "init_db.php" is to help us run SQL files quickly by executing the files containing structural changes for

us - like when we create, alter, or drop tables. So, instead of doing it manually, this tool will be used to automate the process of reading and processing those files, saving time (since it's code) and effort. This tool is also utilized to ensure that the files are running in exact order, which is important to avoid errors. It does this by selecting all the SQL files (in a folder), grabbing the content of each file, and sorting them (by its 3-digit prefix). It even incorporates error handling/output which will be used in case of any issues during execution. Another usage is to prevent redundant queries like trying to create a table that already exists, which is helpful because it lets us save a query (instead of wasting it on trying to run something we can't). So, overall, this tool streamlines the process of reading all of our SQL structural files to determine which ones to execute, while also giving us feedback.

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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:

By closely following both the professor's slides and video, I avoided facing issues. Everything ran correctly on my first attempt, so I had no issues to report for this assignment. I understand how to check my table, as well as what information the database helper tool is meant to show me and what it means.

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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/yaneliii/yc73-it202-008/pull/13

URL #2

https://yc73-it202-008-prod-35e9bd30f553.herokuapp.com/Project/sql/init_db.php

End of Assignment