

Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-007-F2024/it202-module-4-init-db-setup-checkpoint/grade/db624>

Course: IT202-007-F2024

Assignment: [IT202] Module 4 Init DB Setup Checkpoint

Student: Datha V. (db624)

Submissions:

Submission Selection

1 Submission [submitted] 10/6/2024 7:39:49 AM

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 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

Group

100%

Group: Verify Setup

Tasks: 2

Points: 6

^ COLLAPSE ^

Task

100%

Group: Verify Setup

Task #1: Verify Heroku Dev Deployment by visiting the path to init_db.php

Weight: ~50%

Points: ~3.00

^ COLLAPSE ^

Checklist

*The checkboxes are for your own tracking

| # | Details |
|-----------------------------|--|
| <input type="checkbox"/> #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 | URL clearly shows it's from Heroku dev (which should also include the UCID) |

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



Task Screenshots

Gallery Style: 2 Columns

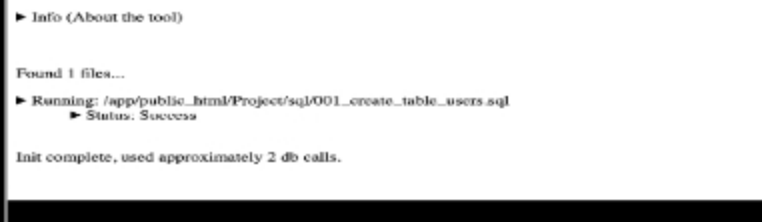
4

2

1

it202-db624-dev-97314516c84c.herokuapp.com/Project/sql/init_db.php

Database Helper Tool



Screenshot of heroku web deployment of init_db.php

End of Task 1

Task



Group: Verify Setup

Task #2: Verify DB changes via MySQL Extension

Weight: ~50%

Points: ~3.00

^ COLLAPSE ^

Checklist

*The checkboxes are for your own tracking

| # | Details |
|-----------------------------|---|
| <input type="checkbox"/> #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 | 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 |

Details:

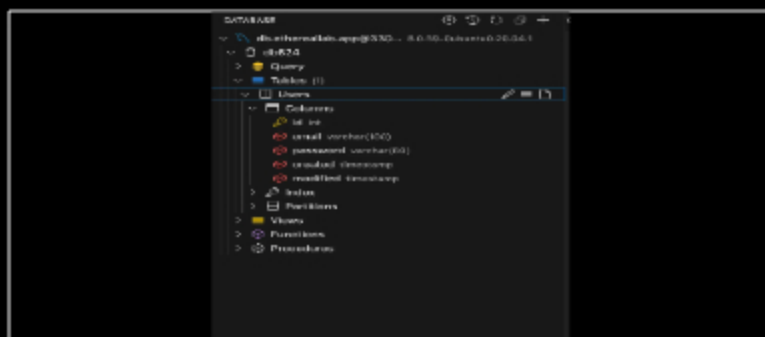
Note: If you ran things correctly and don't see the table after fully expanding the hierarchy you may need to click one of the refresh icons in the MySQL Extension side panel.



Task Screenshots

Gallery Style: 2 Columns

4 2 1



Screenshot of DB changes via MySQL extension

End of Task 2

Group



Group: Misc
Tasks: 3
Points: 4

^ COLLAPSE ^

Task



Group: Misc
Task #1: Reflect on learning
Weight: ~33%
Points: ~1.33

^ COLLAPSE ^

Checklist

*The checkboxes are for your own tracking

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

Task Response Prompt

Response:

The purpose of init_db.php is to set up the structure of our database by reading in different structural queries and executing them if the modifications haven't already been done to the database. To achieve this, the file first goes through the database's structure, seeing how many rows and columns it has and loads them onto a list. Then, it reads the MySQL query file and extracts data from any create statements to check if any of the steps can be skipped to save resources. After that, it executes the query once it removed anything redundant.

End of Task 1

Task



Group: Misc
Task #2: Reflect on challenges/experience
Weight: ~33%
Points: ~1.33

^ COLLAPSE ^

Checklist

*The checkboxes are for your own tracking

| # | Details |
|-----------------------------|--|
| <input type="checkbox"/> #1 | Response is a discussion about an actual issue/experience |
| <input type="checkbox"/> #2 | 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) |

Task Response Prompt

Response:

I did not encounter any issues while setting up the database.

End of Task 2

Task

100%

Group: Misc

Task #3: Heroku and Pull Request Links

Weight: ~33%

Points: ~1.33

^ COLLAPSE ^

Checklist

*The checkboxes are for your own tracking

| # | Details |
|--|---|
| <input checked="" type="checkbox"/> #1 | Include pull request link for this assignment (should end with /pull/#) |
| <input type="checkbox"/> #2 | 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. |

Task URLs

URL #1

<https://github.com/Dathster/db624-it202-007/pull/14>

URL

<https://github.com/Dathster/db624-it202-007/pul>

URL #2

https://it202-db624-prod-a236ea831ca5.herokuapp.com/Project/sql/init_db.php

URL

https://it202-db624-prod-a236ea831ca5.herokuapp.com/Project/sql/init_db.php

End of Task 3

End of Group: Misc

Task Status: 3/3

End of Assignment