Submission Worksheet

CLICK TO GRADE

https://learn.ethereallab.app/assignment/IT202-452-M2024/it202-module-4-init-db-setup-checkpoint/grade/vs53

IT202-452-M2024 - [IT202] Module 4 Init DB Setup Checkpoint

Submissions:

Submission Selection

1 Submission [active] 6/17/2024 6:46:42 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 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.)

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

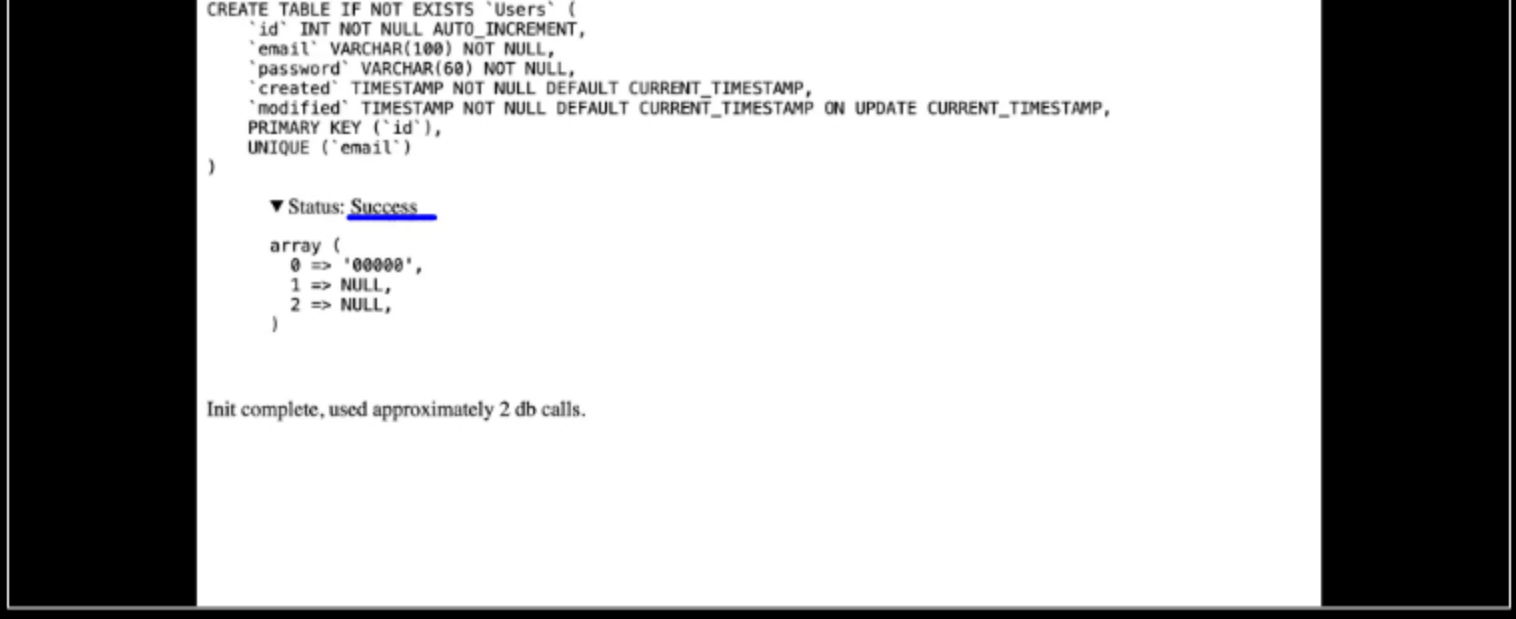
Checklist *The checkboxes are for your own tracking

#	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



```
CREATE TABLE IF NOT EXISTS `Users` (
    `id` INT NOT NULL AUTO_INCREMENT,
    `email` VARCHAR(100) NOT NULL,
    `password` VARCHAR(60) NOT NULL,
    `created` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,
    `modified` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
    PRIMARY KEY (`id`),
    UNIQUE (`email`)
)
```

▼ Status: Success

```
array (
  0 => '00000',
  1 => NULL,
  2 => NULL,
)
```

Init complete, used approximately 2 db calls.

The picture I have provided relates to both checklist items. I have underlined that the status for 001_create_table_user.sql is Success. I have also underlined that the url clearly shows it is from Heroku dev, and I underlined my UCID.

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

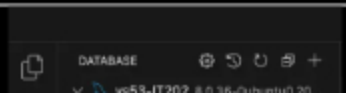
*The checkboxes are for your own tracking

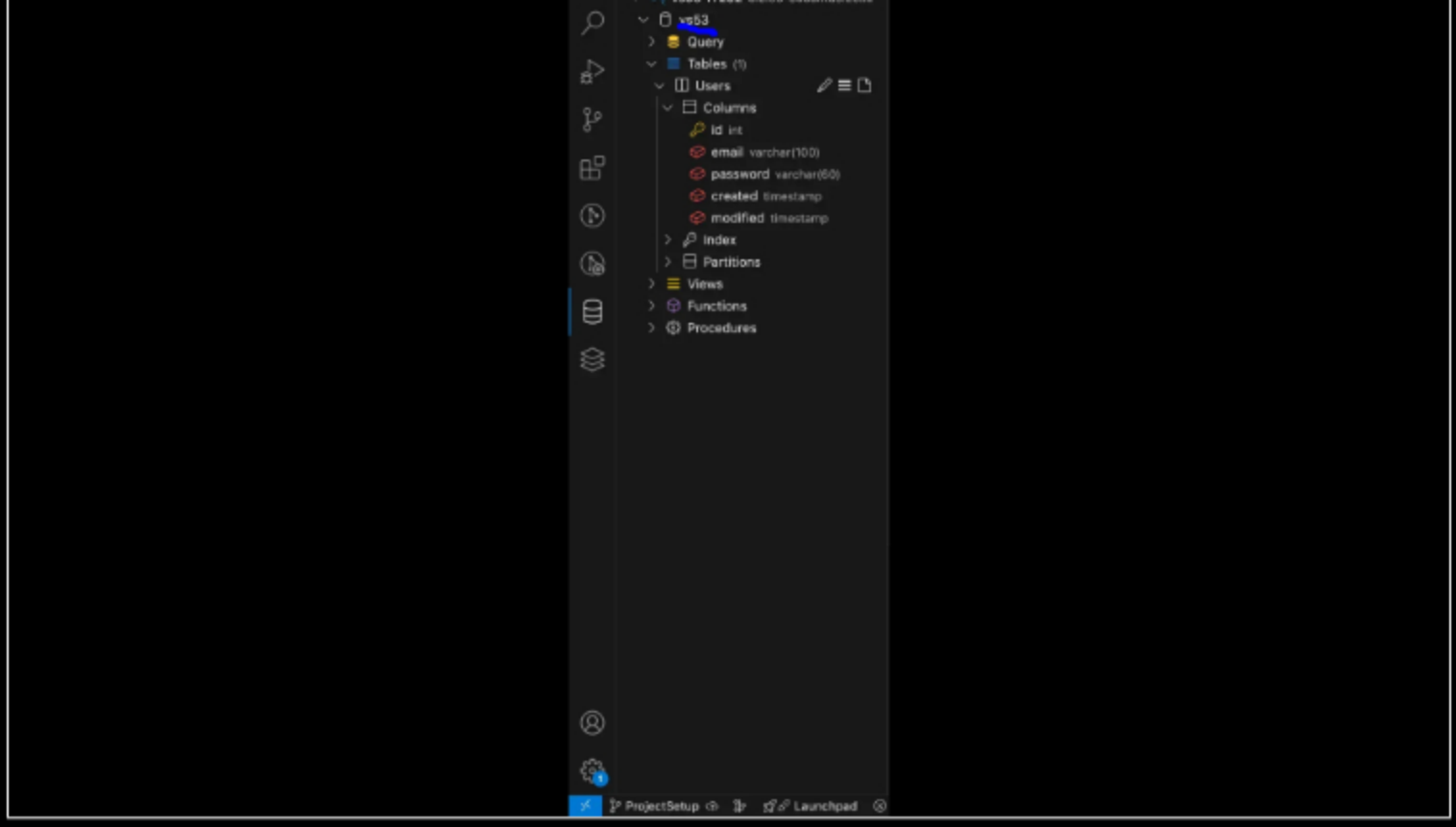
#	Points	Details
#1	1	Screenshot the left panel that opens showing your DB connection with your UCID as the DB name and with the tables expanded showing the table was created.
#2	1	Clearly shows generated table name with columns (there likely won't be data and this is ok). This will include the main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

Task Screenshots:

Gallery Style: Large View

Small Medium Large

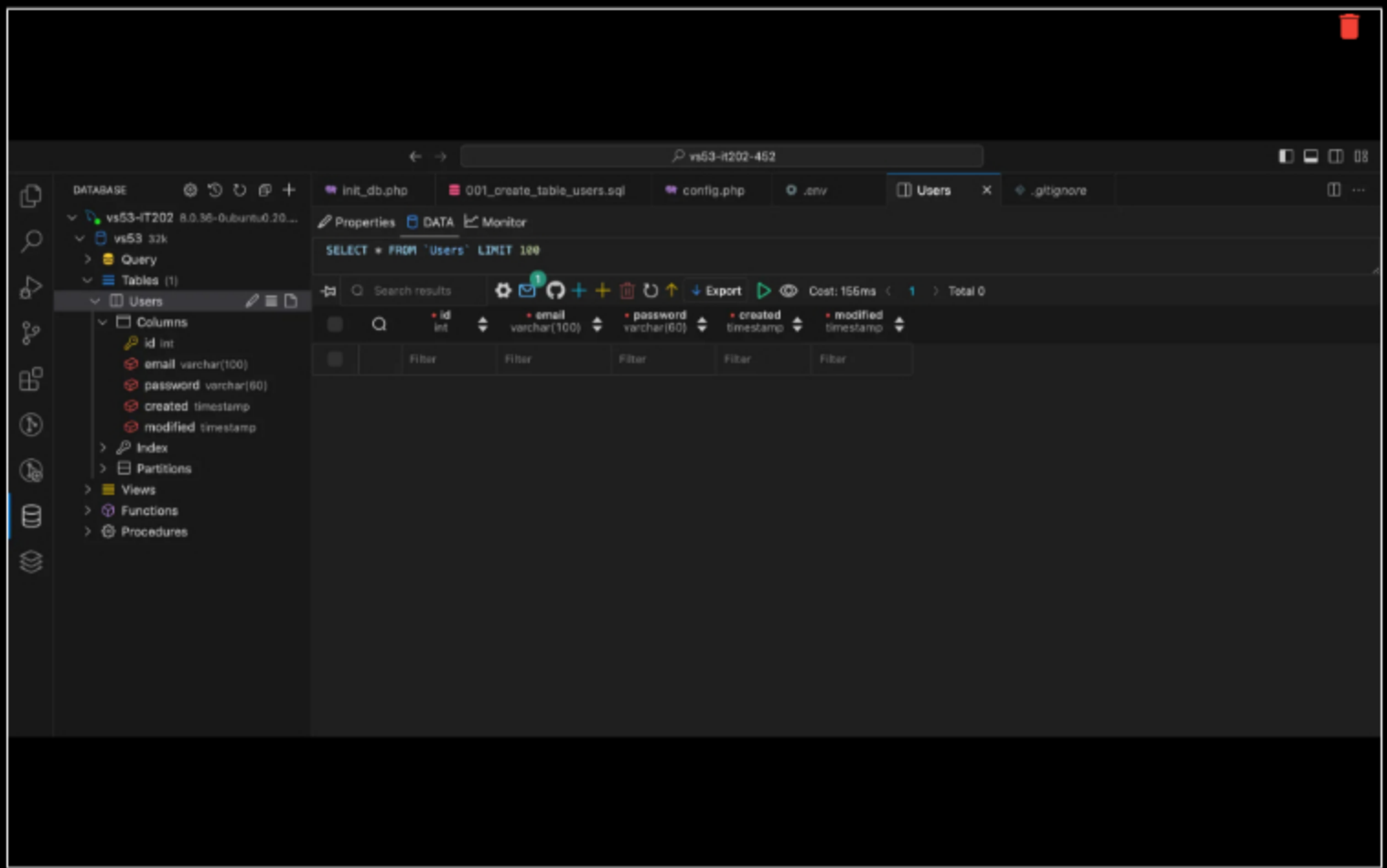




The provided screenshot shows the left panel showing my DB connection, and I underlined my UCID. It shows all the tables, including the "User" table that was created in this assignment, with the table expanded.

Checklist Items (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.



The provided screenshot shows the generated table with all the columns. Currently there is no data since we haven't

The provided screenshot shows the generated table with all the columns. Currently, there is no data since we haven't add anything yet.

Checklist Items (1)

#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.)

COLLAPSE

COLLAPSE

Task #1 - Points: 1

Text: Reflect on learning

Checklist *The checkbox 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:

During this module, I learned a lot more about PHP and how it connets to our database. I especially learned purpose of init_db.php. What that file does essentinatly, is that It connects to the database, checks the current tables, and runs the necessary SQL commands to update the database structure. This file is especially useful for keeping database schemas organized and up to date.

COLLAPSE

Task #2 - Points: 1

Text: Reflect on challenges/experience

Checklist *The checkbox 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:

When I first deployed the branch to Heroku, and went to the URL, I got a bunch of error messages. The error messages were "Warning: Undefined array key 'host'", "user", and "pass" in config.php." This happened because the database connection details were missing. I realized I needed to set environment variables in Heroku. I fixed the issue by going to my Heroku dashboard. I set the environment variables by navigating to the "Settings" tab and clicking on "Reveal Config Vars". There, I added the DB_URL variable with the correct value. This fixed it and allowed my script to connect to the database. I learned how important it is to properly configure my environment variables and how to use Heroku's settings. The issue is now fixed, and the script works perfectly.

^COLLAPSE ^

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/VikShah/vs53-it202-452/pull/10

URL #2

https://vs53-it202-452-prod-1c77a1c304b2.herokuapp.com/Project/sql/init_db.php

End of Assignment