

Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-init-db-setup-checkpoint/grade/bns24>

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

Submissions:

Submission Selection

1 Submission [active] 2/18/2024 7:31:08 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:

Create a new folder in public_html called **Project** if it doesn't exist (however you call it be aware of case sensitivity)

create a new folder in Project called **sql**

Create a new file in sql called init_db.php

Paste the content

from <https://gist.github.com/MattToegel/6a8310e3ac19fe505870e5ebfa8cf4ea>

You will get errors if this is not in the proper location

Create another file in sql called 001_create_table_users.sql

Paste the content

from <https://gist.github.com/MattToegel/f3b39da97fba38bd04fc7073ad0a627e>

Add/commit/push these to the new branch (if you haven't yet)

Create the pull request on github but do not complete it yet

Create a new folder in public_html called **M4**

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

Add/commit/push the new changes

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

Complete the merge/pull request from step 8

Create a new pull request from dev to prod and complete it

Go back to your local repo

```
git checkout dev
```

```
git pull origin dev
```

Upload the same output PDF to Canvas

Branch name: ProjectSetup

Tasks: 5 Points: 10.00

Verify Setup (6 pts.)

^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
<input type="checkbox"/> #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.
<input type="checkbox"/> #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

Database Helper Tool

► Info (About the tool)

Found 1 files...

Running: /app/public_html/project/sql/001_create_table_users.sql

```
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')  
)
```

Blocked from running, table found in 'show tables' results. [This is ok, it reduces redundant DB calls]

Init complete, used approximately 1 db calls.

Database Table Success

Checklist Items (0)

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

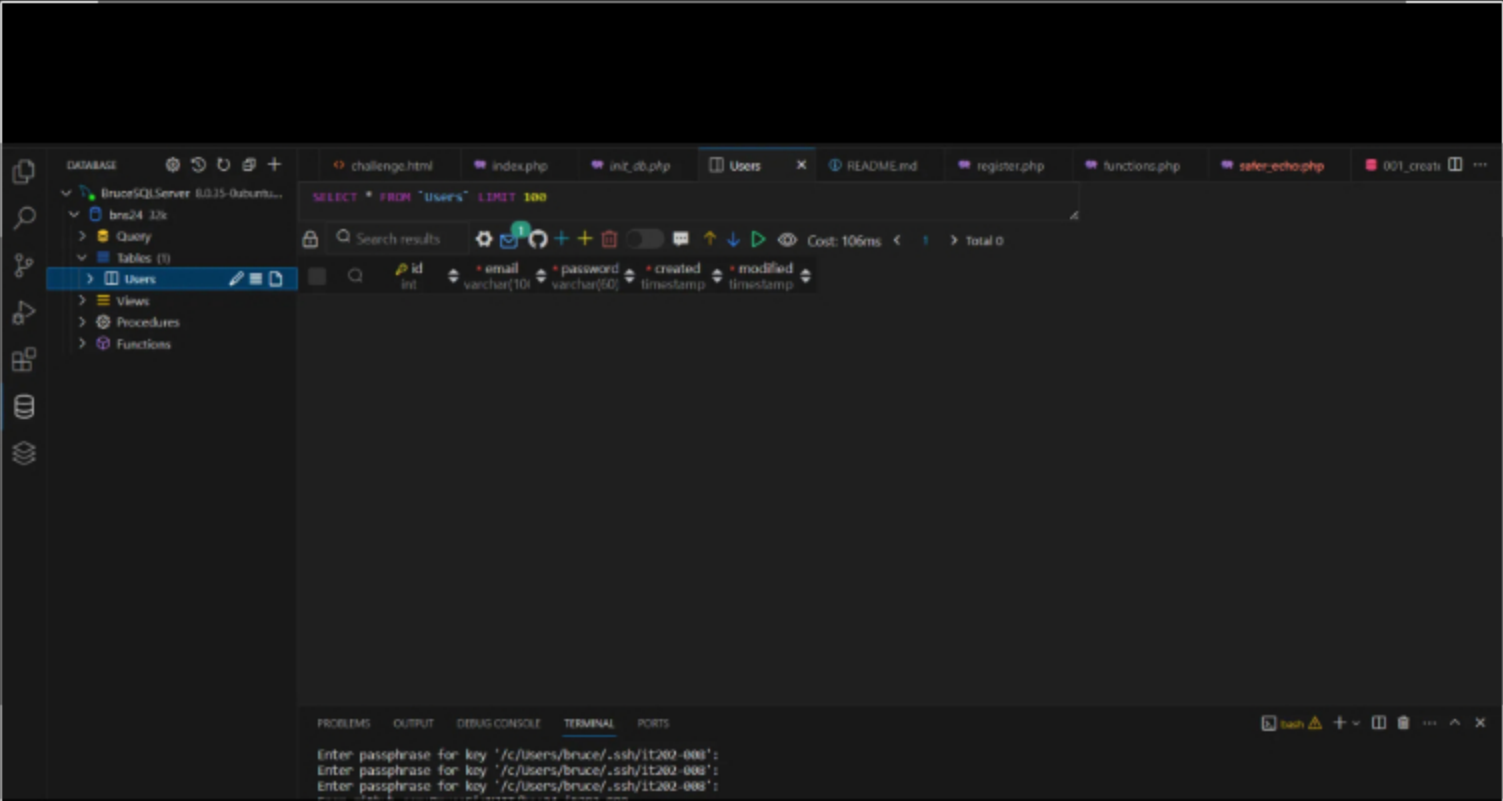
*The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #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.
<input type="checkbox"/> #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 showing the database through MySQL

Checklist Items (0)



Misc (4 pts.)

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Task #1 - Points: 1

Text: Reflect on learning

^COLLAPSE ^

Checklist

*The checkboxes are for your own tracking

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

Response:

The purpose of init_db is to initialize a database table, if it has already not been created. If the database table was already created, then it blocks it from running to reduce redundant database calls. A database can be useful for storage information that can be categorized.



Task #2 - Points: 1

Text: Reflect on challenges/experience

^COLLAPSE ^

Checklist

*The checkboxes are for your own tracking

#	Points	Details
<input checked="" type="checkbox"/> #1	1	Response is a discussion about an actual issue/experience
<input checked="" type="checkbox"/> #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:

SQL, databases, and anything of the sort is entirely new to me. I can see the code within the PHP files and I can kind of understand what they do, but I feel that if I was given the task to do this on my own, it would prove to be challenging. But as long as I have the appropriate resources, I think I am fine for now.



Task #3 - Points: 1

Text: Heroku and Pull Request Links

^COLLAPSE ^

Checklist

* The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #1	1	Include pull request link for this assignment (should end with /pull/#)
<input type="checkbox"/> #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/BruceSiaNJIT/bns24-it202-008/pull/11>

URL #2

https://bns24-it202-008-prod-4d42e45e31d0.herokuapp.com/project/sql/init_db.php

End of Assignment