

# Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-init-db-setup-checkpoint/grade/ak2774>

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

## Submissions:

Submission Selection

1 Submission [active] 2/14/2024 4:54:03 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 ^

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

← → ↻ 🔍 ak2774-dev-f660064fd52c.herokuapp.com/Project/sql/init\_db.php

## Database Helper Tool

► Info (About the tool)

Found 1 files...

► Running: /app/public\_html/Project/sql/001\_create\_table\_users.sql

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

Init complete, used approximately 1 db calls.

## Screenshot from heroku dev

### 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

The screenshot shows the MySQL Extension interface in VS Code. The left sidebar displays a tree view of the database structure, with the 'IT202-008-Users' table selected. The main editor area shows the table's schema, including columns: id (int), email (varchar(100)), password (varchar(60)), created (timestamp), and modified (timestamp). The query editor at the top displays the SQL query: `SELECT * FROM `IT202-008-Users` LIMIT 100`. The status bar at the bottom indicates the cost of the query is 214ms and the total number of rows is 0.

Screenshot from DB connection

Checklist Items (0)

Misc (4 pts.)

^COLLAPSE ^

Task #1 - Points: 1

Text: Reflect on learning

Checklist

\*The checkboxes are for your own tracking

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

Response:

the init\_db file basically scans the current directory for .sql files and it'll put them in and sort by key name. It'll then query the database to see what tables exist and attempt to block rerunning existing table queries to save the quota. Otherwise it will run the query and let you know if it passed or failed. We use it to control the number of queries made so that we don't go over the limit and to show if a table saved properly into the database or not.

Task #2 - Points: 1

Text: Reflect on challenges/experience

Checklist

\*The checkboxes are for your own tracking

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

No issues

Task #3 - Points: 1

Text: Heroku and Pull Request Links

## 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://ak2774-prod-76402b453c05.herokuapp.com/Project/sql/init\\_db.php](https://ak2774-prod-76402b453c05.herokuapp.com/Project/sql/init_db.php)

### URL #2

<https://github.com/abhinavkarthikn/ak2774-it202-008/pull/22>

End of Assignment