

Instructions for IT202-M4 Init DB Setup (pts. 10.00)

Instructions

Reminder: Make sure you start in dev branch it's up to date

- `git checkout dev`
 - `git pull origin dev`
 - `git checkout -b ProjectSetup`
1. Create a new folder at the top level called **Project**
 2. Create a new folder in **Project** called **sql**
 3. Create a new file in **sql** called **init_db.php** (if you haven't already)
 4. Paste the content from https://github.com/llw2/IT202/blob/main/ProjectSetup/init_db.php
 - You will get errors if this is not in the proper location
 5. Create another file in **sql** called **001_UserTable.sql** (if you haven't already)
 6. Paste the content from https://github.com/llw2/IT202/blob/main/ProjectSetup/001_create_UserTable.sql
 7. Use the git add, commit, and push commands to push these to the new branch (if you haven't already)
 8. Create the pull request on github but do **NOT** complete it yet
 9. Create a new folder called **M4** at the top level of the repository
 10. After completing the Deliverables described below and answered in this file convert it to a pdf called **m4_submission.pdf** and add it to the **M4**. It should have the deliverables completed before you create the pdf version.
 11. You may manually deploy the **M3-Challenge-HW** branch to dev to get the evidence for the below prompts (i.e., create a pull request by merging it to dev (i.e., base: dev ← compare: M3-Challenge-HW))
 12. Add, commit, and push the submission file
 13. Verify all of the files appear as expected in the **ProjectSetup** branch
 - **M4/m4_submission.pdf**
 - **Project/sql/init_dp.php**
 - **Project/sql/001_UserTable.sql**
 14. Complete the merge/pull request form step 8 (from **ProjectSetup** to **dev**)
 15. Create a new pull request from **dev** to **prod**
 16. Go back to your local repro
 17. `git checkout dev`
 18. `git pull origin dev`
 19. On github, navigate to **prod branch**
 20. Go to the **M4** folder
 21. Click the **m4_submission.pdf**
 22. Paste that URL to Canvas for this submission

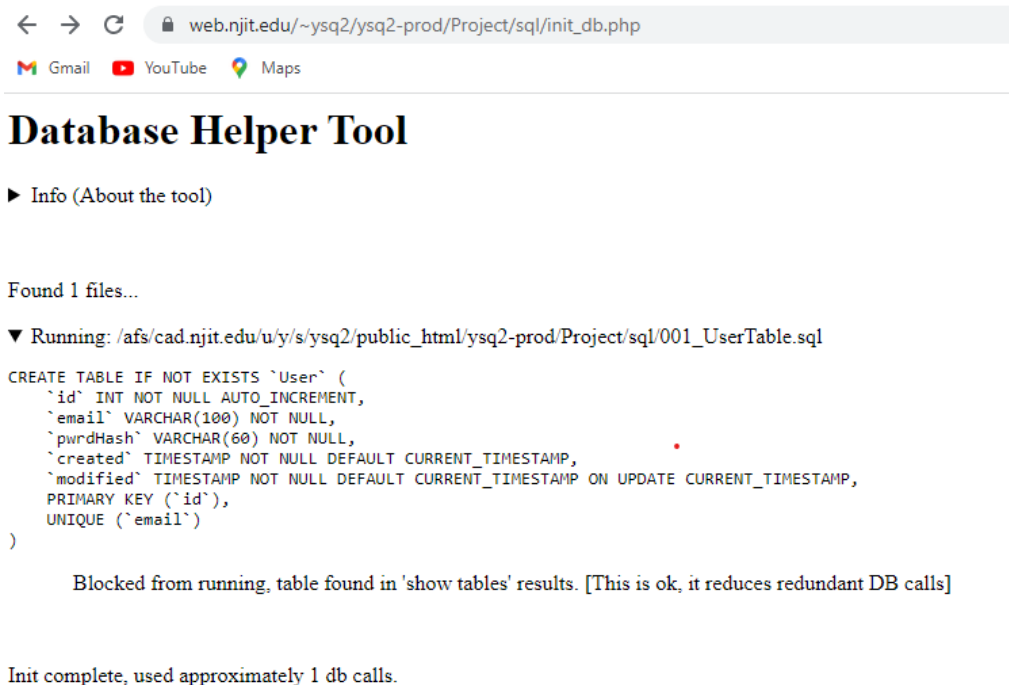
Fill in the below Deliverables

Desired Branch Name: ProjectSetup

Deliverable 1: Verify Proper Setup (pts. 6)

Sub-Task 1: Visit the `init_db.php` file in the browser on NJIT's webserver prod and screenshot the working output (If it says blocked this is still valid)

- Make sure if the screenshot contains code that you have a relevant comment with your ucid, date, and explanation of what you're attempting, if not maximum grade for this item is 75%.
- Add a caption explaining what you're showing in the screenshot (required for full credit)



Here's a screenshot of me running the file on my website, and this is the output of the code

Sub-Task 2: Go to your MySQL VS Code extension, click the new table that was generated, screenshot the table shown

- Make sure if the screenshot contains code that you have a relevant comment with your ucid, date, and explanation of what you're attempting, if not maximum grade for this item is 75%.
- Add a caption explaining what you're showing in the screenshot (required for full credit)

Found 1 files...

▼ Running: /afs/cad.njit.edu/u/y/s/ysq2/public_html/ysq2-prod/Project/sql/001_UserTable.sql

```
CREATE TABLE IF NOT EXISTS `User` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `email` VARCHAR(100) NOT NULL,  
  `pwdHash` 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 redundancy]

Init complete, used approximately 1 db calls.

Here's a screenshot of me clicking on the running files that were connected to the init_db.php

Deliverable 3: Misc Items (pts. 4)

Sub-Task 1: Briefly talk about something you learned (from the readings is preferred over the slides/class)

In this topic, I learned how modify and insert charts to sql. Each lesson, the homework becomes more understandable.

Sub-Task 2: Talk about any issues or difficulties you had in any of the processes and how you resolved them. If you didn't have issues this HW mentions a recently resolved issue that wasn't discussed before. Otherwise, just mention "no issues"

In this topic, I learned how to correctly use MobaXTerm. At the beginning, I was struggling on adding my files to my personal tab. I decided to use the videos as guidance to help me understand how to use it to customize my site.

Sub-Task 3: Add the pull request link (**ProjectSetup** to **dev**) (i.e., should end with /pull/#)

<https://github.com/yessicaquezada/IT202-007/pull/11>

Sub-Task 4: Past the direct link from the init_db.php (i.e.,
https://web.njit.edu/~ucid/ucid-prod/Project/sql/init_db.php)

https://web.njit.edu/~ysq2/ysq2-prod/Project/sql/init_db.php

