

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

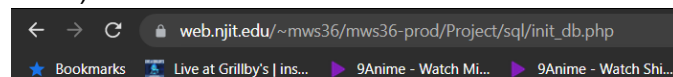
Fill in the below Deliverables

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)



Database Helper Tool

▼ Info (About the tool)

The scope of this tool is to help us separate our structural queries into separate files for better organization.

This tool's job is to attempt to read all of those files and determine which ones are needed to run against your database to synchronize the structure.

This tool only works for queries that take zero parameters.

It can be used to preload some data via inserts, but those queries *MUST* be crafted in such a way that you don't generate duplicates during each run.

Files should be [Idempotent](#)

Found 1 files...

▶ Running: `/afs/cad.njit.edu/u/m/w/mws36/public_html/mws36-prod/Project/sql/001_create_UserTable.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.

A working screenshot from the production url, everything appears to be in order.

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)

id	email	pwdHash	created	modified
1	billyschmelz@verizon.net	\$2y\$10\$iamKl6InsoPel2q/B5qNNu63iDLCRGqFXNfglwp1PuGBpFUUwgNnC	2022-10-17 14:03:54	2022-10-17 14:03:54

A screenshot of the User table inside my SQL files. Only has the one from class I'm assuming because the table is blocked at home.

Deliverable 3: Misc Items (pts. 4)

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

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"

I had issues attempting to find my table for my database, I couldn't find it within my SQL files.

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

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/~mws36/mws36-prod/Project/sql/init_db.php