Nodejs Submission Rules

When submitting a Nodejs project, use the following rules.

1. Create a folder in the DocPac directory where that assignment is found whose name is the assignment without spaces.
   1. For example, if the Assignment is “Login Basic System”, make the folder name “LoginBasicSystem”
   2. Make sure the capitalization is correct, so that all student projects are in the same folder.
2. Inside of that folder, create a new folder whose name is your first name and last name with no spaces or hyphens.
   1. For example, if your name is “John Jacob Jingleheimer-Schmidt”, make a folder called “JohnJingleheimerSchmidt”
3. Open this new folder in VSCode, or change your working directory in a command prompt to this folder, and run ‘npm init’ to create the ‘package.json’
   1. Do not delete this ‘package.json’. The instructor will need it to quickly install the packages you use in this program.
4. Create ‘app.js’ as the name of the entry point of the program.
5. When choosing a port for an HTTP Listen Server, always choose 3000
6. If the project requires you to provide a login, create an entry with the username “testuser” and the password “password123!”
7. It is highly recommended that while working on your project that you keep it in a separate folder, then copy it into the folder when ready to submit
   1. This will prevent you from accidently committing the “node\_modules” folder, which will stay in the history even if it is not in the final pull request.
8. Before submitting, **DELETE THE node\_modules** folder!
9. When finished:
   1. Double check your changed files.
      1. Make sure they are all in the correct folders!
      2. If there are hundreds of changed files, check to make sure you deleted your node\_modules folder.
      3. If other files were changed that are not your assignment, right-click them and discard changes. Do not edit classroom documents. Do not delete or edit other student’s work.
   2. Commit your work, push to your repo, then start a Pull Request from your Repo to the class Repo.
10. **Double check your pull request!**
    1. Go to your pull request and check the files changed and the number of lines of code added/removed.

# Grading Process

When the instructor grades your assignment, the following steps will be taken:

1. A batch file is run to open each student’s folder and run “npm i” to install dependencies for your project.
2. The instructor switches to your directory and runs ‘node app.js’
3. The instructor evaluates the functionality of the project using the default login
4. The instructor evaluates the code
5. When complete, the instructor runs a batch files to delete the “node\_modules” folder in each student’s folder

Failure to follow these submission rules, or taking steps which interfere with the grading process, will result in a reduced grade.