ResearchMyProfessor Build Documentation & User Manual

ITSC 4155 – Software Development Projects

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March 24th, 2022

## Running ResearchMyProfessor on a local computer

Assumptions

* Operating System – Windows 10 64 bit
* Coding Environment – VSCode
* Installed NodeJS (NPM) and MongoDB database applications/services
* VSCode is integrated with GitHub
* Google Chrome Browser

Download Links for External Application Dependencies

* VSCode download - <https://code.visualstudio.com/download>
* NodeJS download – <https://nodejs.org/en/>
  + Version 16.14.2 LTS (Recommended for most users)
* Git download - <https://git-scm.com/downloads>
* Chrome Download - <https://www.google.com/chrome/>
* MongoDB Community Server – <https://www.mongodb.com/try/download/community?tck=docs_server>
  + MongoDB Download Instructions - <https://www.mongodb.com/docs/v4.4/tutorial/install-mongodb-on-windows/>

Build Instructions (After installing all required applications)

1. Open VSCode
2. Open the ResearchMyProfessor folder
3. Go to Terminal 🡪 New Terminal
4. In the new terminal, type “npm I” – This will install all the 3rd party node packages we are using
5. After installing all the package, type into the terminal: “nodemon app”
6. This should run the application on the localhost via port 3000
7. Open google chrome
8. In the URL section type in <http://localhost:3000/>
9. This should load the landing page of the website.
10. Explore the website by clicking on the different links