**How to run BDA Lab Software**

**Pre-requisite software’s:**

* Node (version 16 or above)
* NPM (version 8 or above)
* MySQL

**Steps to set up environment:**

* Download node from the official node website on windows. In ubuntu run "sudo apt install nodejs”.
* Check the version of node if installed using “node -v”.
* Download npm from the official website for npm on windows. In ubuntu run "sudo apt-get install npm".
* Download the sql files from the bda\_lab.zip.
* Run the sql queries in mysql to create a database.
* (Note: The database name should be bda\_lab and username and password for connecting with mysql should be changed in the code accordingly.)

**Steps to run:**

* Unzip BDA\_Lab.zip to get all content in a folder.
* Change directory into the src directory.
* Open terminal in the src directory.
* Run command "npm install". If the command throws an error, run "npm install ejs body-parser express mysql2".
* To start the server write "node server.js".
* Now you can access the project in your browser by entering the URL "localhost:3000".

**Important notes:**

* Ubuntu might install older versions of node and npm. So ensure that you are working with the latest node and npm installations.
* Some browsers may not give access to run javascript. Allow running javascript in your browser settings.
* If by some error the program crashes, close the browser window and re-run "node server.js" in the src directory.

**Some demo logins:**

|  |  |  |
| --- | --- | --- |
| **User Type** | **Username** | **Password** |
| Admin | chandan@gmail.com | chandan |
| Faculty | bagesh@gmail.com | bagesh |
| PHD | rajesh@gmail.com | rajesh |
| MTech | panda@gmail.com | panda |
| BTech | vishal@gmail.com | vishal |