Web Application Development (MERN Stack)

**Lab 1: Setting up system**

**Date:**

**Task-1 Installing Node and NPM**

In your web browser, enter https://nodejs.org/en/download/ and click Windows Installer. After downloading it, double click and install. It also installs npm. Now

**Task-2: Verify the installation and check the version of the Node and NPM.**

node –v

npm -v

**Task-3 Creating your First React Application**

Prerequisite: Install Node.js in your system

Step-1: Install create-react-app

in the command prompt type

npm install create-react-app -g

This will install create-react-app globally

Step-2: Move to the place where you want to create your React Application

I want to craete it on my desktop

in the command prompt type cd Desktop

C:\Users\MSU>cd Desktop

Step-3: Create your react project. Here I want to craete the project named reactproj1

in the command prompt type create-react-app reactproj1

C:\Users\MSU\Desktop>create-react-app reactproj1

This will setup a project named reactproj1 on your Desktop

Step-4: Move into the project folder reactproj1

in the command prompt type cd reactproj1

C:\Users\MSU\Desktop>cd reactproj1

Step-5: Start the project to run

in the command prompt type npm start

C:\Users\MSU\Desktop\reactproj1>npm start

This will open you project running in browser.

A screenshot of a computer

Description automatically generated

Step-6: Change the default code

Edit src/App.js inside your project folder and save to reload