Installation Guide

[WEB AND MOBILE DEVELOPERS PH](https://www.facebook.com/webmobile.ph/)·[FRIDAY, 10 APRIL 2020](https://www.facebook.com/notes/batch-29-online-full-stack-development-training/installation-guide/517416488946929/)·

Required Softwares and Tools

* Node.JS [https://nodejs.org/en/download/](https://nodejs.org/en/download/?fbclid=IwAR0nQkm8_ZSBzqPrjb3_E9ugrd59p8WPAhVd6DDn36l_7XHE8cn5sF8u12Y) (LTS version)
* VS Code [https://code.visualstudio.com/download](https://code.visualstudio.com/download?fbclid=IwAR0MgcilMZDh17AdFfkG8LDJ3eKBePpo7-CKA-19Ot4gakbSnMce4lUaP8c)
* Postman [https://www.getpostman.com/downloads/](https://www.getpostman.com/downloads/?fbclid=IwAR2V4uiEgN7T6hLxV_4MrI0-WykMhVsVheQ2PHWOAYZFPrn2_Ud_86Zl0WA)

Installing Frontend Framework (Install Node.JS first)

1. Create a Blank Folder named
   1. “Batch [Number]”
2. Under “Batch [Number]” folder, Create Two Folders named
   1. frontend
   2. backend
3. Open VS Code
4. Open the “Batch [Number]” Folder
5. Open Terminal (View)
6. type **npm install -g @quasar/cli** and **press enter** *-installation will take time and requires an internet connection*
7. Go to frontend folder **cd frontend**
8. type **quasar create** and enter *-for this part, you will generate the frontend application -installation will take time and requires an internet connection* 
   1. **Project Name:** frontendapp
   2. **Project Product Name:** Frontend Application
   3. **Project Description:** A Frontend Application for Full Stack Development Training
   4. **Author:** <*your name*>
   5. **CSS preprocessor:** Sass with SCSS syntax
   6. **Quasar components & directives import strategy:** Auto-import
   7. **Features Needed:** *\*none\** (by default, ESLint is selected. Kindly, remove it using space)
   8. **Cordova ID:** <default>
   9. **Should we run ...has been created? :** Yes, use NPM

9. To validate the installation of the frontend, start a development server with **quasar dev**. Wait until the project is built, usually it takes time, and the browser will open the provisional index page on localhost. See the picture below for the result

Installing Backend Framework

1. Go to backend folder ***cd backend***
2. type **npm install @feathersjs/cli -g** and **press enter** *-installation will take time and requires an internet connection*
3. type ***feathers generate app*** and **press** **enter**

*-for this part, you will generate the backend application*

*-installation will take time and requires an internet connection*

1. **Scripting:** JavaScript
2. **Source Files folder:** src
3. **Package Manager:** NPM
4. **API:** REST and socket.io
5. **Testing framework:** M ocha + assert
6. **Authentication:** NO
7. **Coding Style:** ESLint

4. To validate the installation of the backend, start the server with **npm start** or **npm run dev**. This will not open a browser automatically so you need to open it by yourself and in the URL section, enter [http://localhost:3030/](https://l.facebook.com/l.php?u=http%3A%2F%2Flocalhost%3A3030%2F%3Ffbclid%3DIwAR2QscXLHULk3SVN2WmDUjDIoUmQDdyb3nUhXYT5oTXesceJaQBzOSn-00c&h=AT3VG5IJdCvBto-yj7L4OnFfg-rnl6krAIOt0tcFQdkUiyKgRStwQGQjm6jct5R9MTUAHQRT6hpnBZ2EJhpK5yQO84aiAL46bKDKg3wrfJnzJ-hDKLo4oSt8bTcRCFIK2ljYuA). See the picture below for the result.