**# SchoolManagementSystem**

**Prerequisites:**

1. install npm

2. node js,

3. install visual studio code

4. install eclipse IDE

5. install java

Please refer video while installing backend and frontend app: https://www.youtube.com/watch?v=\_HTMtAdfZyo

**For Deploying the Frontend, Follow the following steps:**

1. unzip the schoolManagment.zip folder

2. Goto frontend folder

--> open terminal/cmd and goto the frontend folder in the unzip folder and run the following commands:

a. npm install

b. npm start

3. The frontend application will automatically launch in chrome on http://localhost:4500/login

**For Deploying backend, Follow the following steps:**

1. **unzip the schoolManagment.zip folder. if not already done**

a. you will see the following folder structure

-SchoolManagmentSystem

-backend

-schoolManagementSystem

-src

-main

-java

-com.lwazir.project.schoolManagementsystem

-controllers

-errors

-jwt

-model

-repository

-utility

-**SchoolManagementsystemApplication.java [**this is the main file **that has to be** run after importing the project in Eclipse.. the installation process is explained below]

-test

-target

-pom.xml

-frontend

-public

-src

-package.json

2. **Install Eclipse IDE and Java 8**

3. **open eclipse IDE**

1. it will ask for a worksapce
   * Just create a blank folder any where on your machine and while selecting workspace give that path of it there
   * After selecting and intialization of the workspace
   * goto file in the tool bar menu of eclipse IDE-
   * goto import
   * window will popup
   * select maven
   * select existing maven project
   * Here you have to browse to the location where you have unzipped the zipped file and select the path upto

* Backend/schoolManagementsystem
* please note: that while importing the maven project please select the path upto the folder that is containing the pom.xml file
  + After succesfully importing the project go to the **SchoolManagementsystemApplication.java** file in he **com.lwazir.project.schoolManagementsystem** package
* after selecting and opening the file
* Right Click on the file
* A menu will appear
* select run as --> select Java Application
* The application will launch on Localhost:9000

4. **Once the server is running you can login into the front end application using the following credentials**:

1. Admin :

username: lwazir

password: 1234

2. Pupil:

username:username5

password: 1234

3. Teacher

username: teacher

password: 1234

**5. Once server is running , you can also access the H2 Database on the following url:**

--http://localhost:9000/h2-console/login.jsp

--if it prompts for username and password or only password --> just leave it blank and login

6. **You can also access the api Documentation on the following url:**

1.http://localhost:9000/swagger-ui/index.html?configUrl=/v3/api-docs/swagger-config.

2.https://bit.ly/3xuIokc