A) Install Node 16 or above Version
B) A) Install VS Code IDE
   Guide: https://www.youtube.com/watch?v=JINE4D0Syqw

C) Install XAAMP or **WampServer** (Recommended)

   Download Link: https://www.wampserver.com/en/download-wampserver-64bits/

   Go through: "How to Install Wamp Server.pdf" provided with this project documents.

1. Create DB: "**school_db**"

2. Import Postman Collection file (one json file included in api project folder)

3. Open API project in VS Code. open new terminal and **Run cmd:- npm i or npm install**

   You can keep your API project folder at any ware you want.
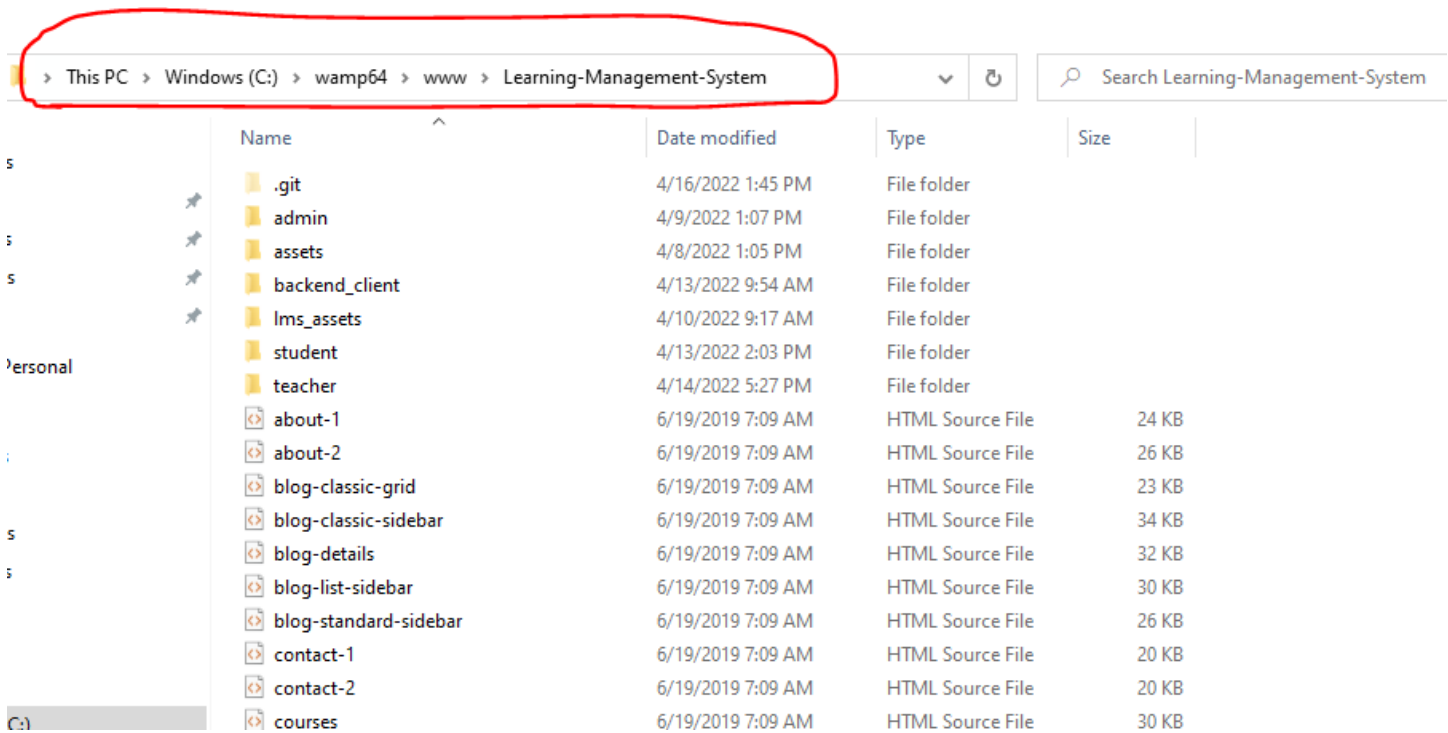
4. Run API:- cmd:- node server.js

5. Open Postman and Create Admin Account.

6. If you're installed use Wamp-server copy your "Learning-Management-System" folder into

www folder:

C:\wamp64\www\Learning-Management-System

Name	Date modified	Type	Size
.git	4/16/2022 1:45 PM	File folder	
admin	4/9/2022 1:07 PM	File folder	
assets	4/8/2022 1:05 PM	File folder	
backend_client	4/13/2022 9:54 AM	File folder	
lms_assets	4/10/2022 9:17 AM	File folder	
student	4/13/2022 2:03 PM	File folder	
teacher	4/14/2022 5:27 PM	File folder	
about-1	6/19/2019 7:09 AM	HTML Source File	24 KB
about-2	6/19/2019 7:09 AM	HTML Source File	26 KB
blog-classic-grid	6/19/2019 7:09 AM	HTML Source File	23 KB
blog-classic-sidebar	6/19/2019 7:09 AM	HTML Source File	34 KB
blog-details	6/19/2019 7:09 AM	HTML Source File	32 KB
blog-list-sidebar	6/19/2019 7:09 AM	HTML Source File	30 KB
blog-standard-sidebar	6/19/2019 7:09 AM	HTML Source File	26 KB
contact-1	6/19/2019 7:09 AM	HTML Source File	20 KB
contact-2	6/19/2019 7:09 AM	HTML Source File	20 KB
courses	6/19/2019 7:09 AM	HTML Source File	30 KB

7. Open Home Page: http://localhost/Learning-Management-System/

 Then Login as **Admin**

8. Create followings **according to given order**

Now you can **Update and Delete** those records as well.
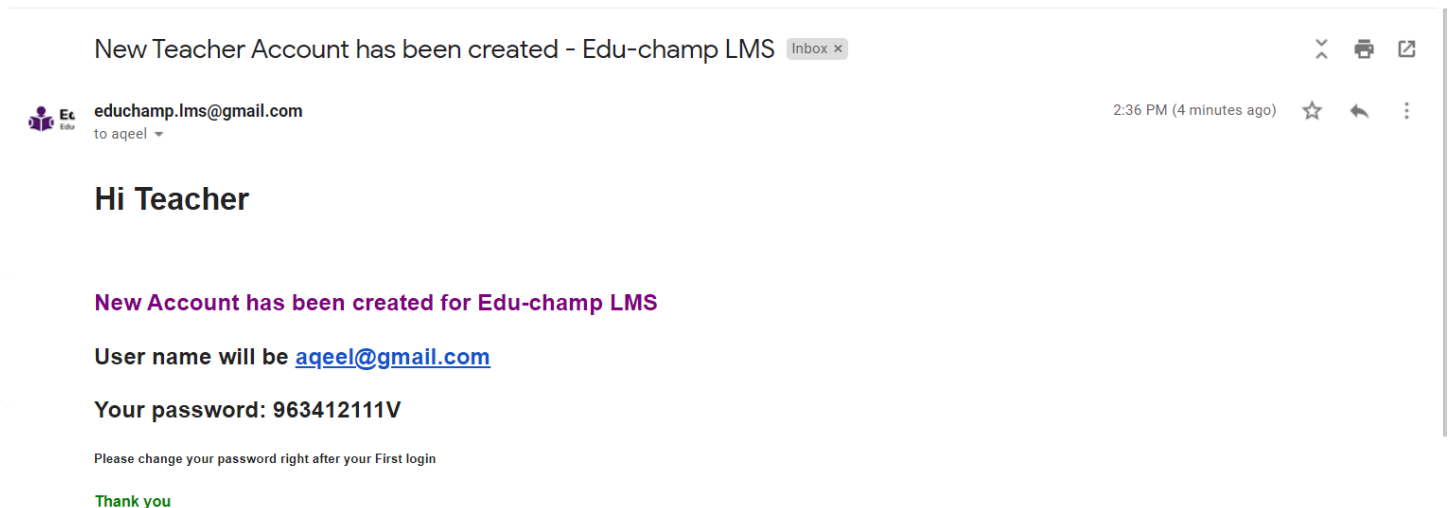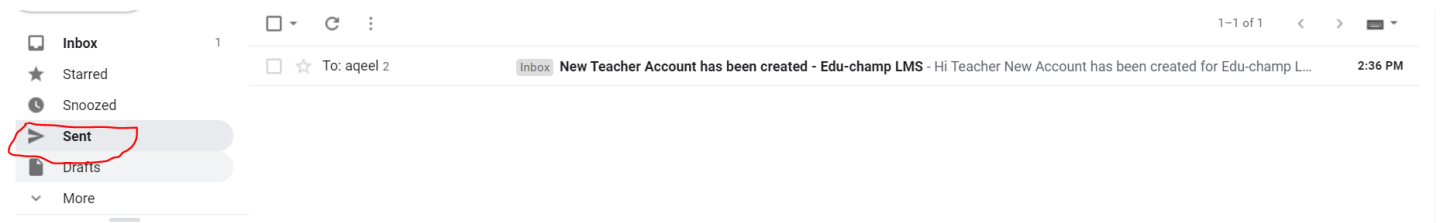
9. Login as **Teacher**

To gain user credentials for both teachers and students your can check respective emails.

If your are given fake Gmail for account creation your can find the mail regarding new account in the INBOX
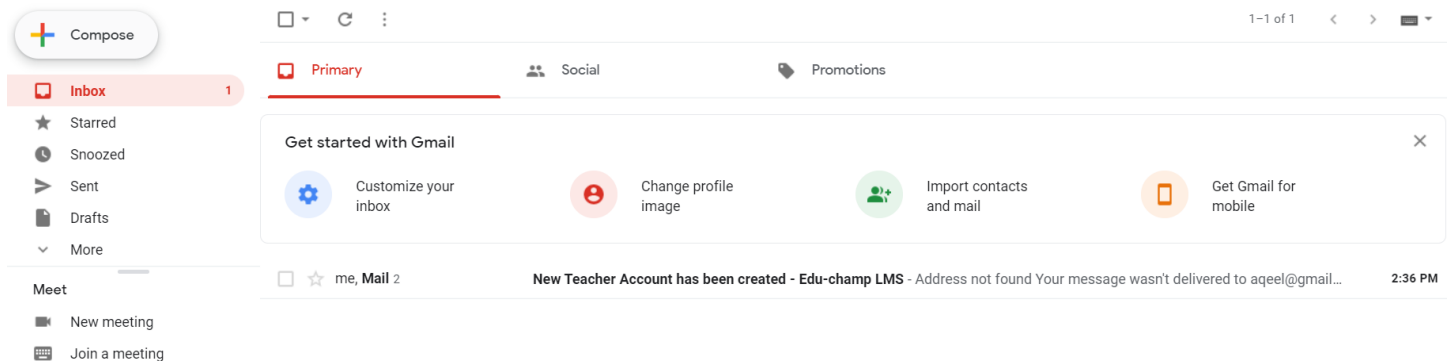
By the way all mail send by this API recorded under sent box as follows.

New Teacher Account has been created - Edu-champ LMS Inbox ×

educhamp.lms@gmail.com
to aqeel

2:36 PM (4 minutes ago)

Hi Teacher

New Account has been created for Edu-champ LMS

User name will be aqeel@gmail.com

Your password: 963412111V

Please change your password right after your First login

Thank you

Student ID will be the default **Password for all students** AND **username** will be their **email**.

NIC number will be the default **Password for all teachers** AND **username** will be their **email**.

After successfully Login as **Teacher**

10. Do the followings

     I.   View Classes list in related Faculty.

     II.   View Class selected class information.

     III.   Create/View/Update/Delete Events in Calendar.

     IV.   View Calendar events under following category.

     V.   Create Quizzes and Show Results.

     VI.   Update Quizzes Times.

     VII.   View Subjects list in related Faculty

     VIII. Select Subject from list and **View Information and Add New Lesson / Material**

     IX.   Delete Lessons / Material.

     X.   Logout from LMS
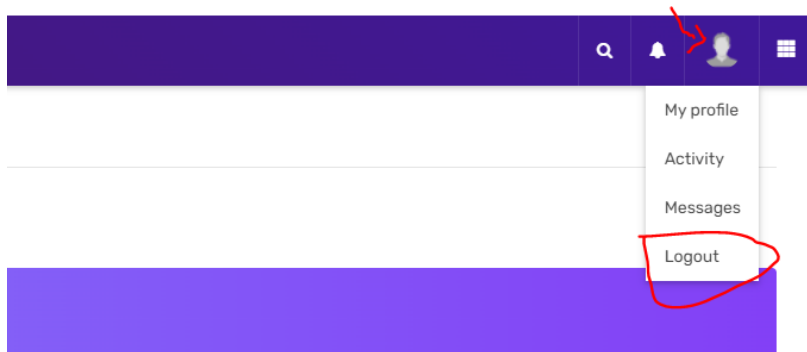
Figure 1 - Logout from LMS

11. Login as **Student**

Students Able to Followings

     i.   View class calendar
     ii.   View class students
     iii.   View Available quiz and Take Quiz. **(Quiz Time will be Validate)**
     iv.   View quiz results
     v.   View own profile information
     vi.   Update Password

    vii.   View Subject related

    viii.   Go into subjects by subject cards and access Lessons & other Materials, open documents

- **Quiz Time has been validated system itself**

- Student can access quiz at available time **only**.

- Students can't re-take same quiz again.

    I.   Home Page

    II.   View Subject Information by clicking on Subject cards

Gmail Account Related to LMS Backend

Username: **educhamp.lms@gmail.com**

Password: **educhamp123**

Note: API sending emails with above credentials, thus do not update email password.

Thank You!!!