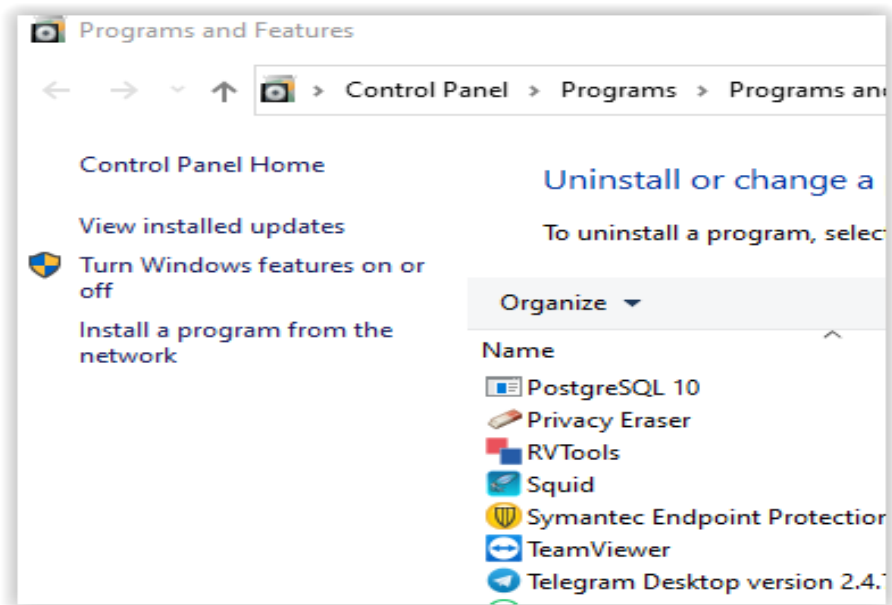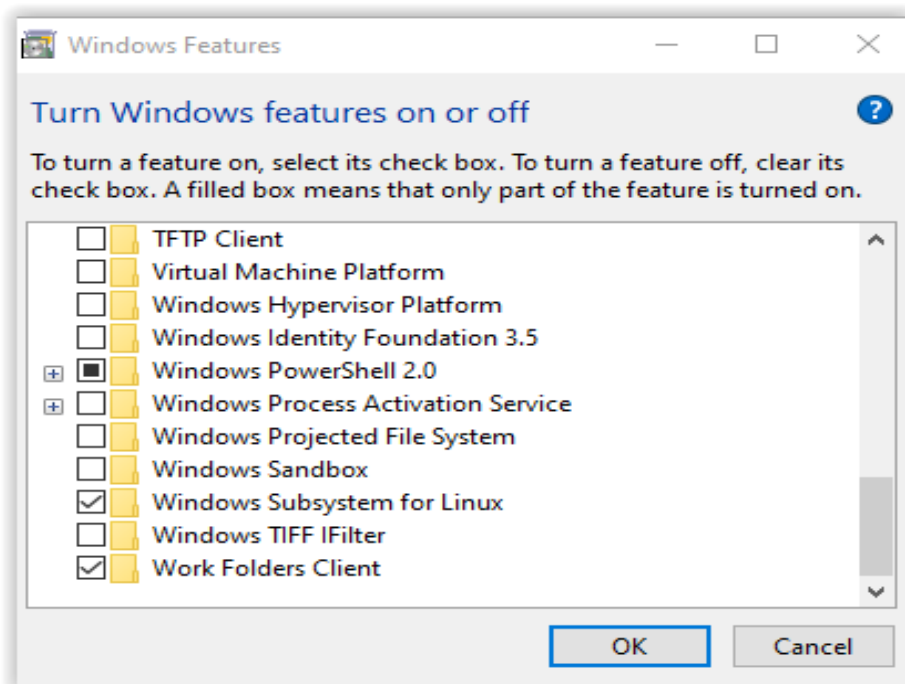# Saythanks.io Local Setup User Manual
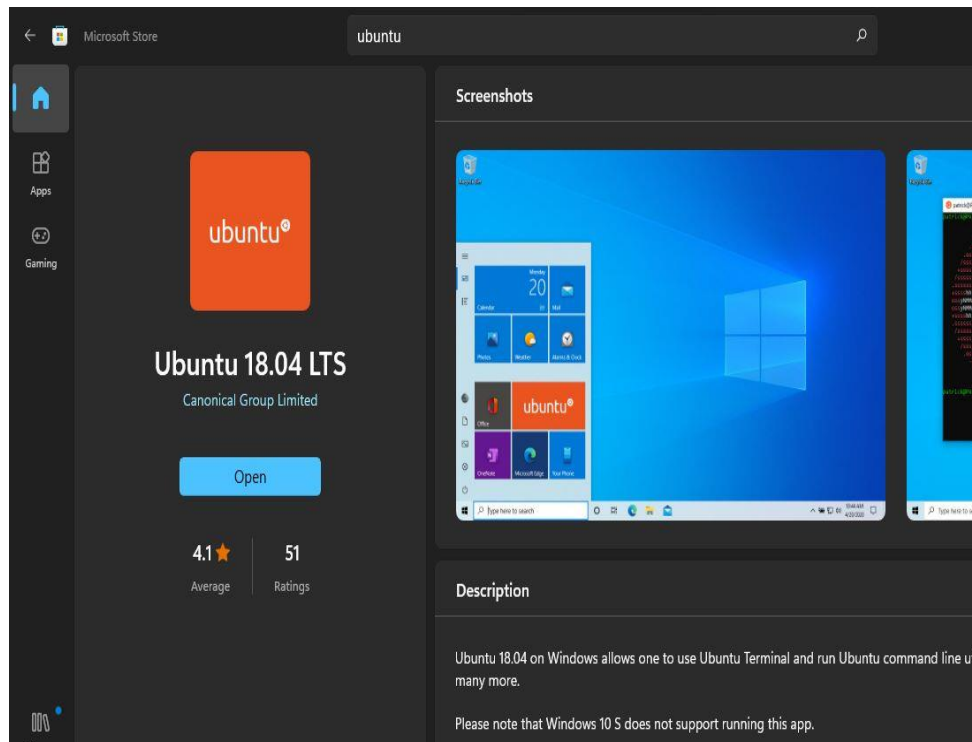
1. Go to run (Windows + R) and type **appwiz.cpl**

2. Click Turn windows features on or off in the left hand side menu
3. Check "Windows subsystem for Linux" and click ok, After the successful installation restart your PC

4. Go to windows store and search for **Ubuntu 18** and install

5. During first run on Ubuntu, configure the user name and password
6. Execute below commands:

   - **sudo apt update**
   - **sudo apt install libpq-dev python3-dev**
   - **sudo apt install python3-pip**

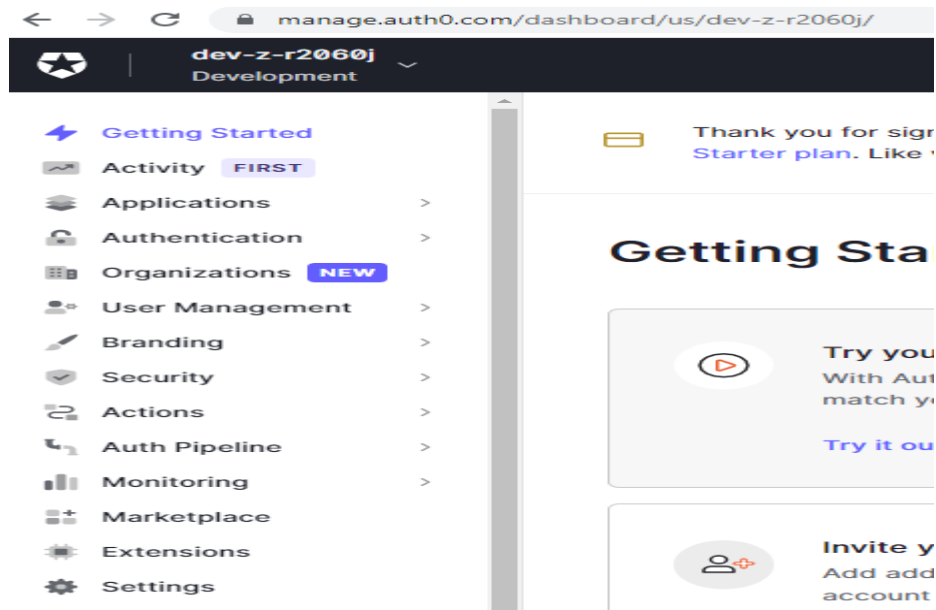7. Get the repository by using below command:

   git clone https://github.com/BlitzKraft/saythanks.io.git

8. Go inside the saythanks.io folder (**cd saythanks.io)** and install the required packages by using below command:

   pip3 install -r requirements.txt

Note: If any error is faced in requirements.txt installation, Run the below command:

python3 -m pip install --upgrade pip
python3 -m pip install --upgrade pillow

9. Go to Auth0 login website - https://auth0.com/docs/login

10. Click Applications in the left hand side menu - > Applications - > Create Application - > Regular Web Applications -> Create

11. Open "Saythanks" application (Regular web applications) to get the below keys:

12. And add Call back URL as below (in the same page) and click "**Save**":

Allowed Callback URLs

http://localhost:5000/callback

After the user authenticates we will only call back to any of these URLs. You can specify multiple valid URLs by comma-separating them (typically to handle different environments like QA or testing). Make sure to specify the protocol (`https://`) otherwise the callback may fail in some cases. With the exception of custom URI schemes for native clients, all callbacks should use protocol `https://` . You can use Organization URL parameters in these URLs.
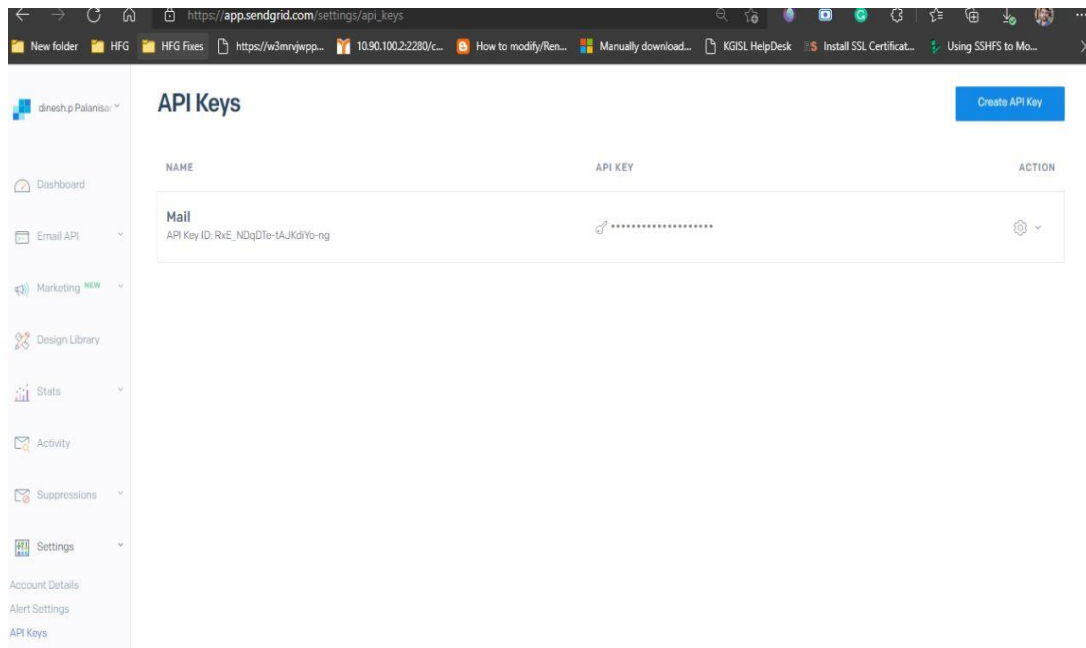
13.Click APIs in Applications (Refer below image)and Create API

14.Click Auth0 Management API - > API Explorer - > Copy Token

15. Go to https://app.sendgrid.com

16. Create and get API Key as mentioned below:

17. Add environmental variables values related to project on .bashrc file (file located on /home/[user]/.bashrc) as below:

    export DATABASE_URL="postgresql://user:pwd@server_ip/database_name"
    export SENDGRID_API_KEY="
    export AUTH0_CLIENT_ID="
    export AUTH0_CLIENT_SECRET=
    export AUTH0_CALLBACK_URL='http://localhost:5000/callback'
    export AUTH0_DOMAIN="
    export AUTH0_JWT_V2_TOKEN="

18. Go to "https://www.enterprisedb.com/downloads/postgres-postgresql-downloads" , download and install the required version of "Postgres"

19. Go inside "Postgres" installation path

20. Configure password and create database in "Postgres" (Refer below image):

21. Download the schema.sql file from the link :
"https://github.com/BlitzKraft/saythanks.io/tree/master/saythanks/sqls" and
paste it in required local drive

22. To Configure development environment in Visual Source Code:

- **Go to powershell - > Type wsl**
- **Go to saythanks folder (Refer below image) -> Type "code ." – It
will automatically open the project in visual studio code**