**JSON WEB TOKEN AUTHENTICATION**

How to get token from JWT

http POST http://127.0.0.1:8000/gettoken/ username='root' password='root'

output:-

{

"access": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNjI4ODQ2OTUxLCJqdGkiOiIyMzc5OGY3ZjJmM2Q0Yjc1OWRjOTcyMjQwOThhODg5MCIsInVzZXJfaWQiOjF9.o451C2iqjjM8BNYRs7DUfmtTUFe4vo8d7F2WiKqewjo",

"refresh": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoicmVmcmVzaCIsImV4cCI6MTYyODkzMzA1MSwianRpIjoiOGI0NjUyZWU3YzFjNDQ1ZmFmZTcwMDhhMWVhN2U2ODIiLCJ1c2VyX2lkIjoxfQ.PTTyksUvTvl05O-6-3QGS6bNY9yGJLL-M1Prq\_BSgGM"

}

Access token is only valid for 5 minute

But we can use the refresh token to generate the access token

And then we request with this access token

How to generate Access token using refresh token?

http POST http://127.0.0.1:8000/refreshtoken/ refresh="eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoicmVmcmVzaCIsImV4cCI6MTYyODkzMzA1MSwianRpIjoiOGI0NjUyZWU3YzFjNDQ1ZmFmZTcwMDhhMWVhN2U2ODIiLCJ1c2VyX2lkIjoxfQ.PTTyksUvTvl05O-6-3QGS6bNY9yGJLL-M1Prq\_BSgGM"

output:-

{

"access": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNjI4ODQ3MjQzLCJqdGkiOiJiZjY2ZTE4ZjQ5MTU0MTgzOWNlY2JlNmQ5YTYyMjcxOSIsInVzZXJfaWQiOjF9.T2j4Aws\_bqq2XbhbnSgXdhSUnus24i\_WCWksMLR1C5s"

}

**How web request using JWT**

Get request

http http://127.0.0.1:8000/studentapi/ 'Authorization:Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNjI4ODQ3NDcxLCJqdGkiOiIxZDk4MTMwN2UyNjA0MjEwODhhODBkZDhkM2QxZmQ0MiIsInVzZXJfaWQiOjF9.W8oxrrnqQVkvWzYTMVnGmA8Wiwif51rrF\_WCWLvpq\_A

Post request

http -f POST http://127.0.0.1:8000/studentapi/ name=rohan roll=101 city=bokoro 'Authorization:Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNjI4ODQ3OTgzLCJqdGkiOiIwYzdhNjU4NzQxMjU0MzFhYTA0’MWVjMDM3NDI4NmJiNiIsInVzZXJfaWQiOjF9.ZBwHAjW60EPPMN6gaSXZRclCOB08rL1ivTDWiivTDhg'

put request

http PUT http://127.0.0.1:8000/studentapi/5/ name=ashu roll=105 city=gaya 'Authorization:Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNjI4ODQ4MzIzLCJqdGkiOiI0ODY2YmE3ZGZhYTc0NDM1OWM5MzczMmU4NDExYjlkZSIsInVzZXJfaWQiOjF9.b\_OkEhHfE16vD6AM7pjNs1InzE15RPsb2BwEfC-IEC8'

Delete request

http DELETE http://127.0.0.1:8000/studentapi/5/ 'Authorization:Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNjI4ODQ4NjQyLCJqdGkiOiJkNDhmMmE4MTI5MzE0ODMxYWQ3MTllY2UxZmU1MWM3YyIsInVzZXJfaWQiOjF9.e3\_HrVz8n1v-LipW9sHlGXCPB\_zz6qDWr2X6z7FA-wA'