TAYLAN ÖZGÜR ELMA SE 4458 MIDTERM 1 API PROJECT FOR MOBILE PROVIDER BILL PAYMENT SYSTEM PRESENTATION

Technologies i used in my API project

Python-Flask



SQLAlchemy(ORM)



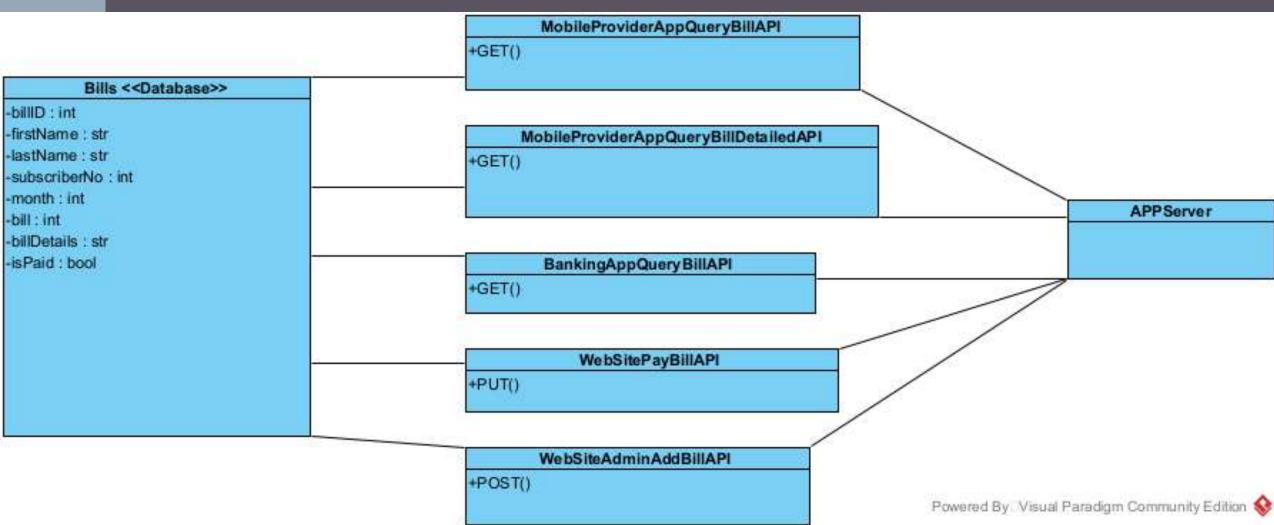
Postman (Test and Documentation)



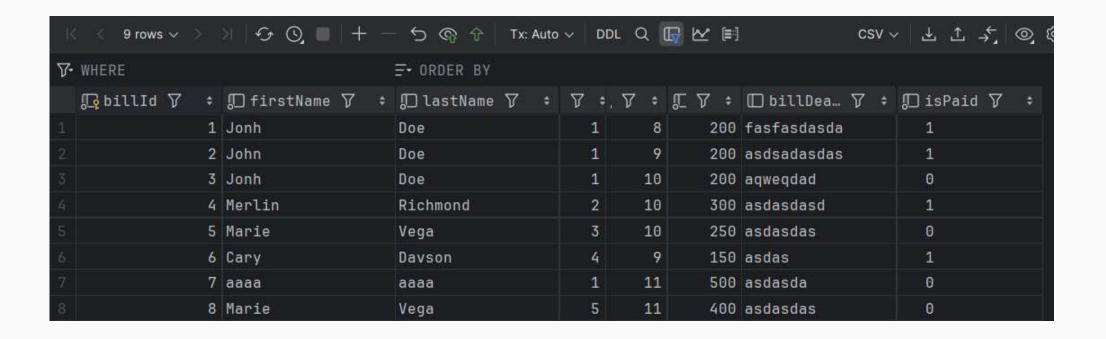




ER Diagram



SAMPLE DATABASE

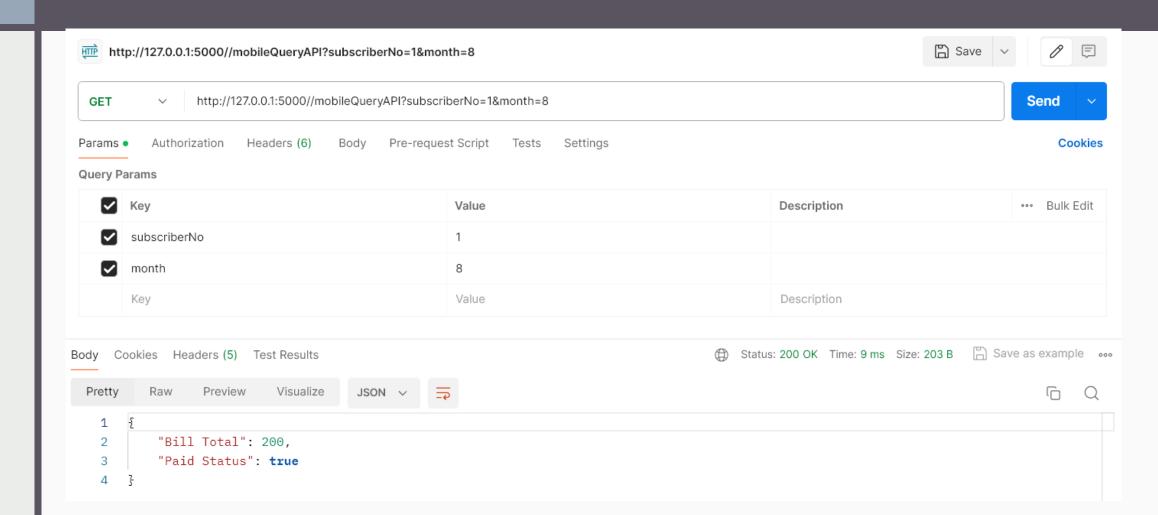


All Possible Scenarios for My APIs

MobileProviderAppQueryBillAPI GET

SUCCESSFUL (200)

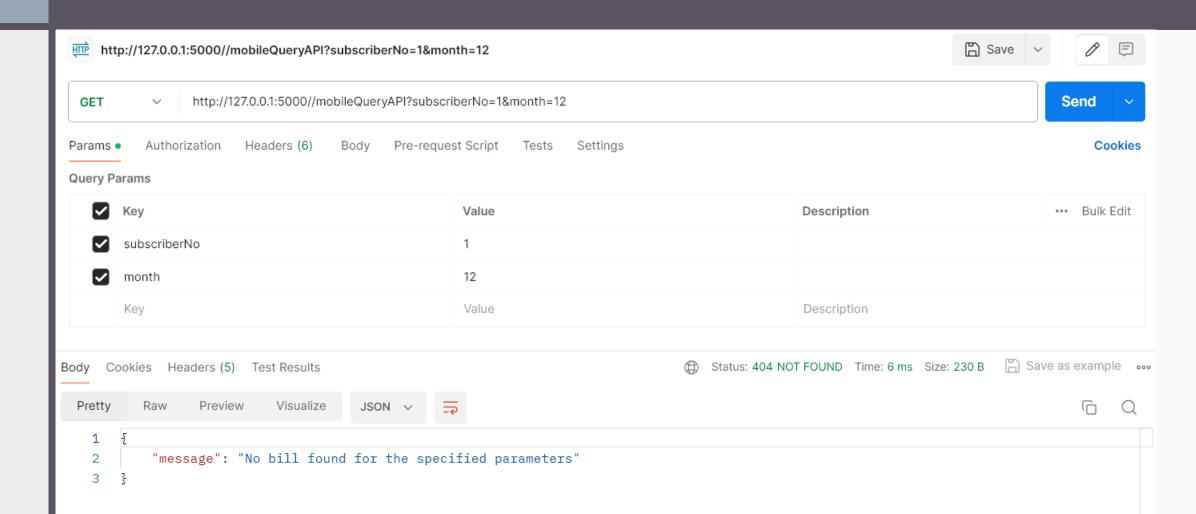
Parameters: (SubscriberNo, Month) API Response: (Bill Total, Paid Status)



MobileProviderAppQueryBillAPI GET

NOT FOUND (404)

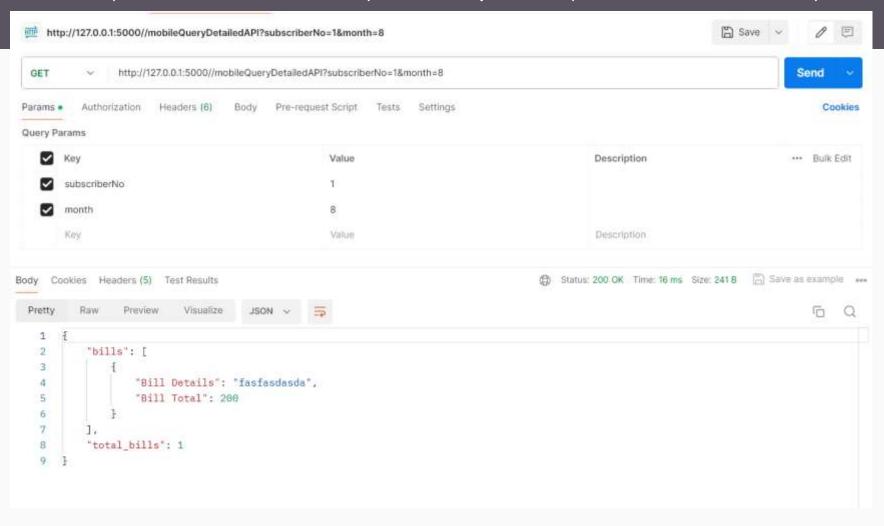
Parameters: (SubscriberNo, Month) API Response: (Bill Total, Paid Status)



MobileProviderAppQueryBillDetailedAPI GET

SUCCESSFUL (200)

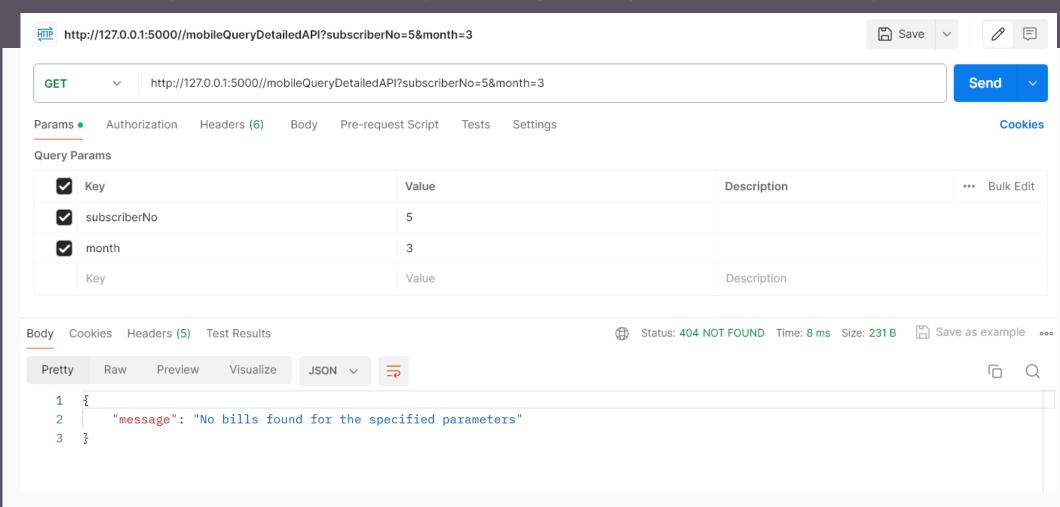
Parameters: (SubscriberNo, Month) API Response: (Bill Details, Bill Total)



MobileProviderAppQueryBillDetailedAPI GET

NOT FOUND (404)

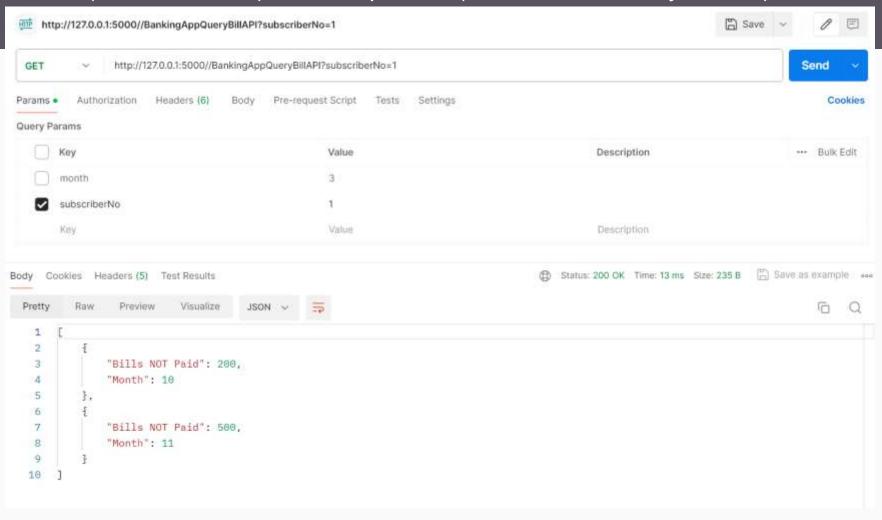
Parameters: (SubscriberNo, Month) API Response: (Bill Details, Bill Total)



BankingAppQueryBillAPI GET

SUCCESSFUL (200)

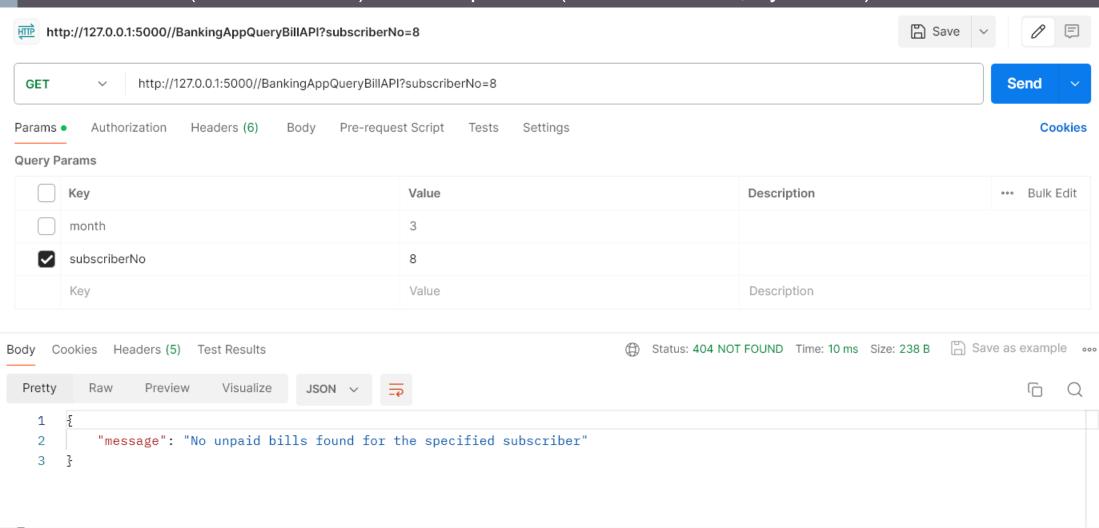
Parameters: (SubscriberNo) API Response: (Bills NOT Paid, by month)



BankingAppQueryBillAPI GET

NOT FOUND (404)

Parameters: (SubscriberNo) API Response: (Bills NOT Paid, by month)

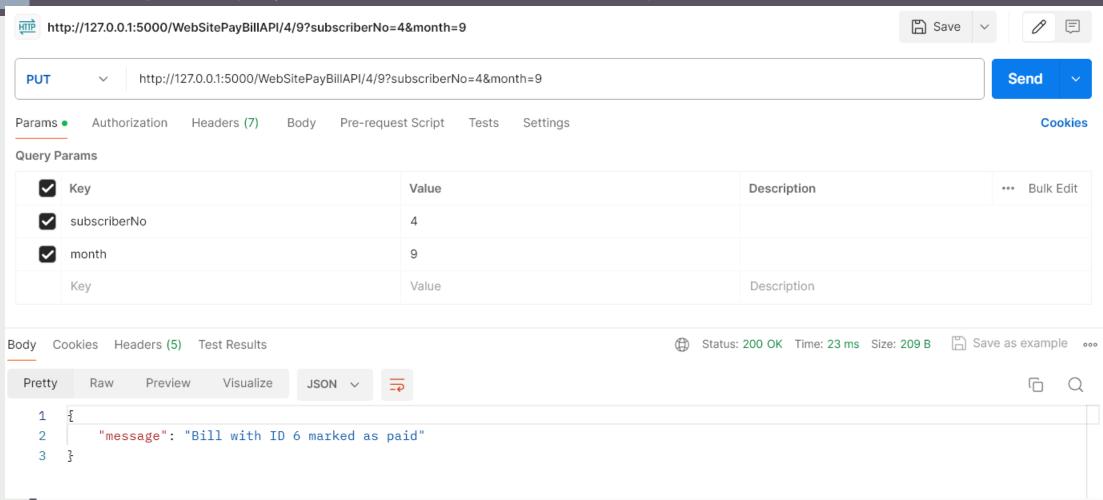


WebSitePayBillAPI PUT

SUCCESFUL (200)

Parameters: (SubscriberNo, Month)

API Response: (Payment Status: Successful, Error)

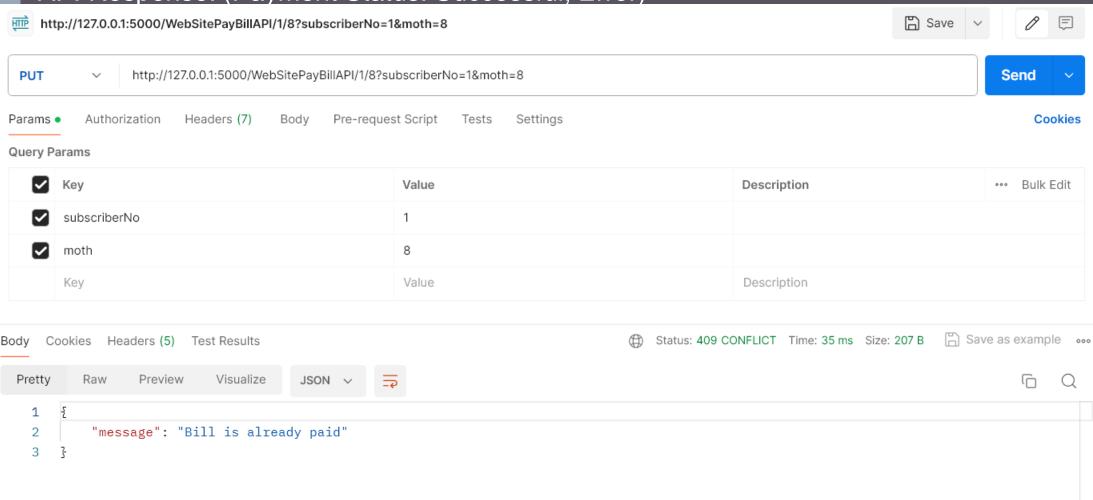


WebSitePayBillAPI PUT

CONFLICT (409)

Parameters: (SubscriberNo, Month)

API Response: (Payment Status: Successful, Error)

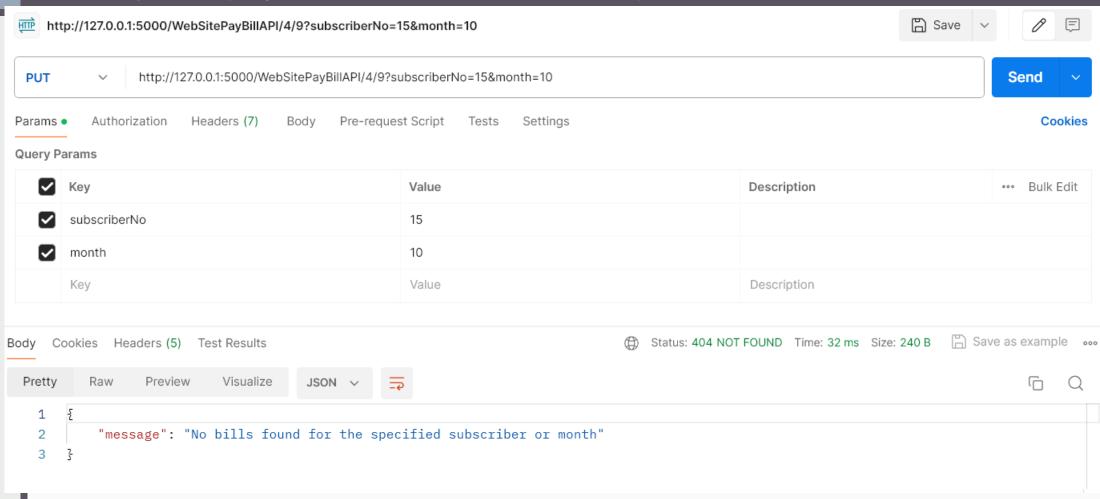


WebSitePayBillAPI PUT

NOT FOUND (404)

Parameters: (SubscriberNo, Month)

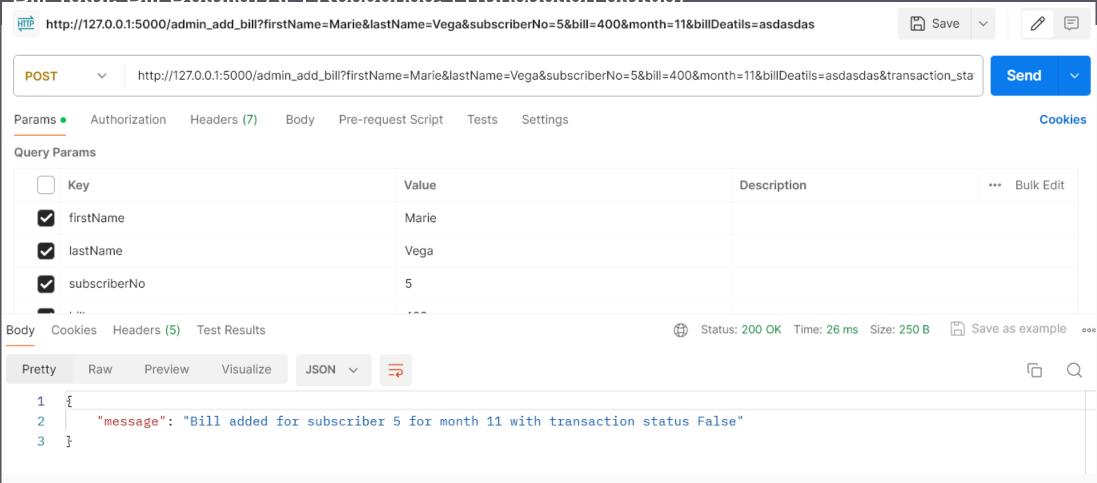
API Response: (Payment Status: Successful, Error)



WebSiteAdminAddBillAPI POST

SUCCESFULL (200)

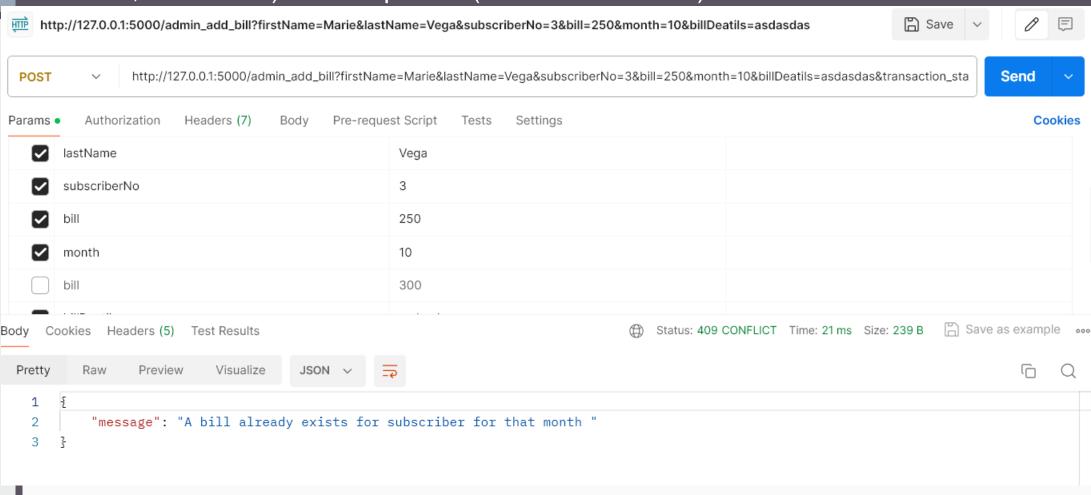
Parameters: (SubscriberNo, Month, Transaction Status, First Name, Second Name, Bill Total, Bill Details) API Response: (Transaction status)



WebSiteAdminAddBillAPI POST

CONFLICT (409)

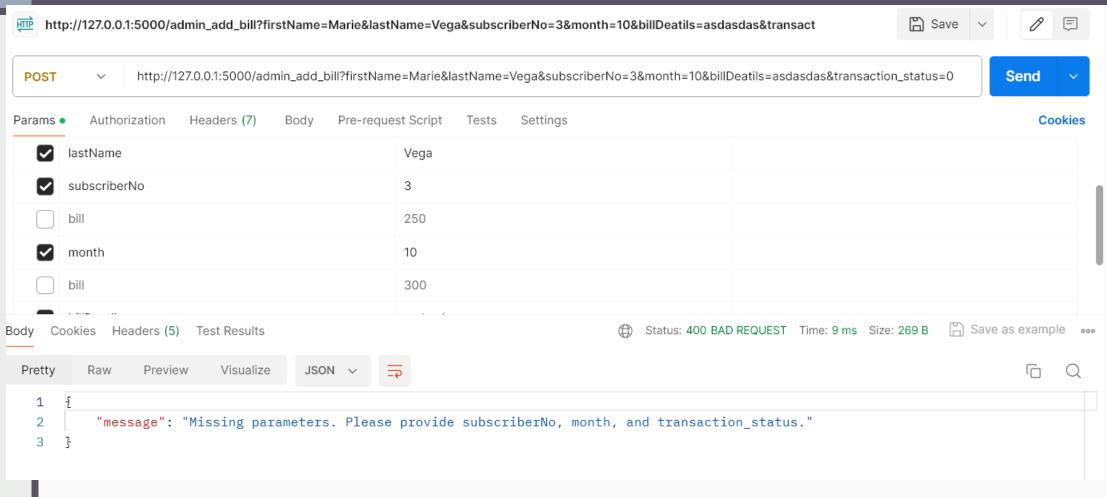
Parameters: (SubscriberNo, Month, Transaction Status, First Name, Second Name, Bill Total, Bill Details) API Response: (Transaction status)



WebSiteAdminAddBillAPI POST

BAD REQUEST (400)

Parameters: (SubscriberNo, Month, Transaction Status, First Name, Second Name, Bill Total, Bill Details) API Response: (Transaction status)



THANK YOU FOR LISTENING

