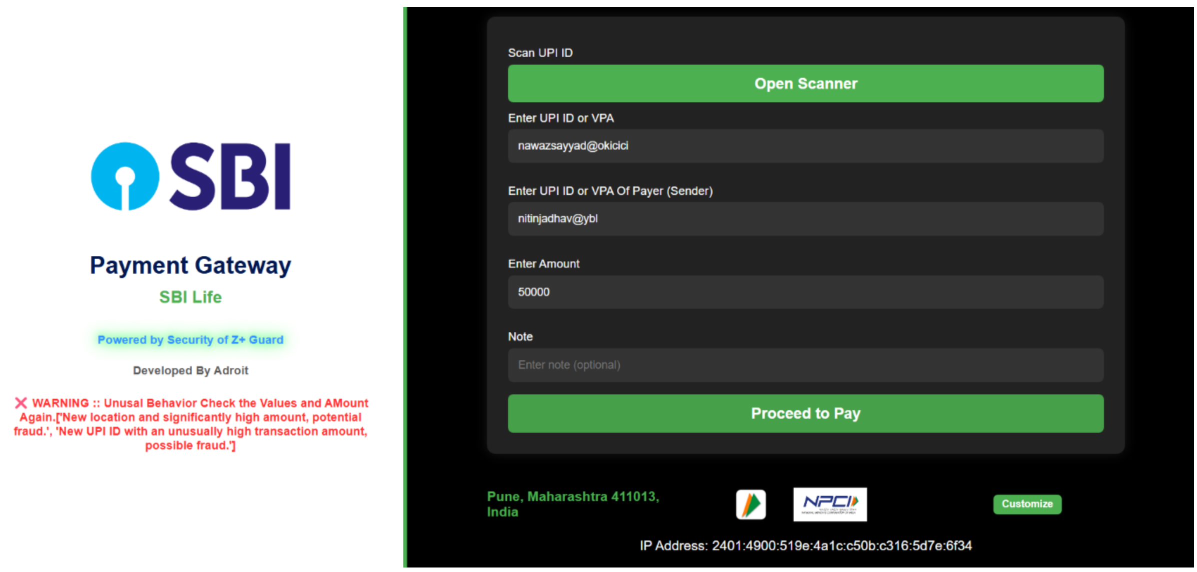
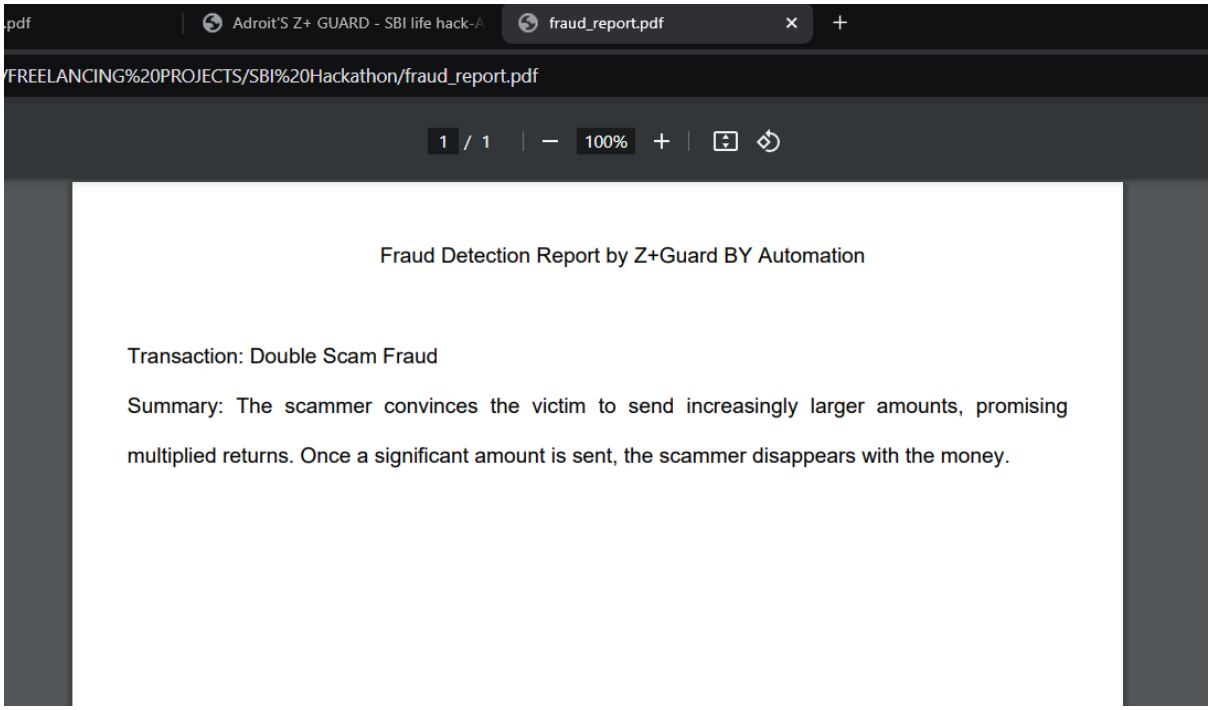
```python
# ----------------------------------------------------------------------------------------------------------------------------


    # ==/////////////////\\\\\\\\\\\\\\\\\\\\\\\\\\//////////////////\\\\\\\\\\\\\\\\\\\\\\//////////////////\\\\\\\\\\\\\\\\\\\\\\//////////\

    # detecting if its going beyound Avergae Behaviour
    # for that we need the last 100 transactions
    try:
        print("hiiiiiiiiiiiiiiiiiiiiiiiiiii")

        import json
        f100rows = tdb.get_transactions_by_vpa((transaction.payer.vpa))  # ✅ Directly use the list
        exact_timestamp = datetime.now().strftime("%Y-%m-%d %H:%M:%S")
        print("her Transactions "+str(f100rows))
        latestQ = {
        "receiver_vpa":transaction.payee.vpa,
        "transaction_amount":transaction.amount,
        "date_time_stamp": exact_timestamp,
        "payer_location_zip":transaction.payer.zipcode,
        "transaction_note": transaction.description
                }
        result  =  average_module.is_the_user_normal(f100rows,latestQ)
        print("The type resukt is "+str(type(result)))
        result = json.loads(result)
        print((result))

        is_fraudulent = result["is_fraudulent"]  # Correct way to access
        reasons = result["reasons"]

        print("Fraud Or not ?"+str(is_fraudulent))
        if is_fraudulent == True:
            with open("patterndatabase.json", "r") as file:
              patterndb = str(json.load(file))

            fffresult = (zanalyzer.send_to_z_analyze(patterndb,tdb.get_transactions_by_vpa_combined(transaction.payer.vpa),str(latestQ)))
            print(fffresult)
            append_fraud_summary_to_pdf(fffresult)
            return {"error": "❌ WARNING :: Unusal Behavior Check the Values and AMount Again."+str(reasons) }


    except:
        print("Error in detecting the behaviour")
    # ==/////////////////\\\\\\\\\\\\\\\\\\\\\\\\\\//////////////////\\\\\\\\\\\\\\\\\\\\\\//////////////////\\\\\\\\\\\\\\\\\\\\\\//////////\
```

Above where the actual processing Happnens.

And below os the Message Displayed after the Detetction



And for cyber Security Depatment
this pdf is generated



Ml models are used .
Due to Time limitations ill be adding details in the readme File,

Please visit that .
and
I am really sorry.
Thank you

Nawaz Sayyad
Team Adroit
project Z+ Guad