LIVE-IN-LAB-III & MINI PROJECT
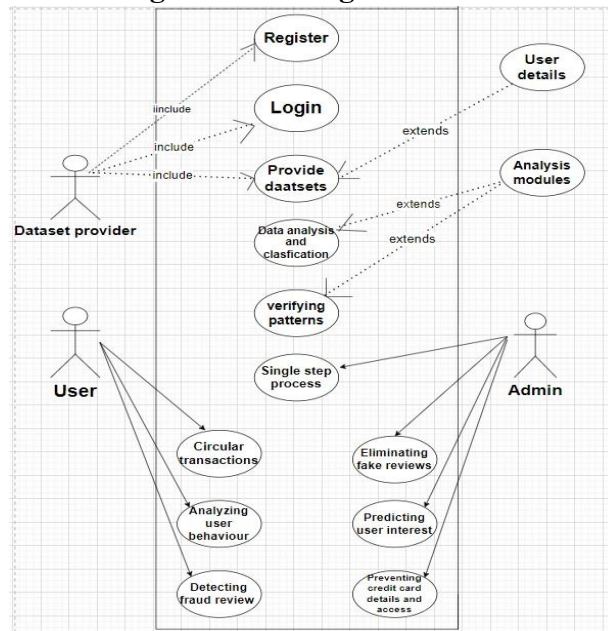# CREDIT CARD FRAUDULENT PREVENTION USING
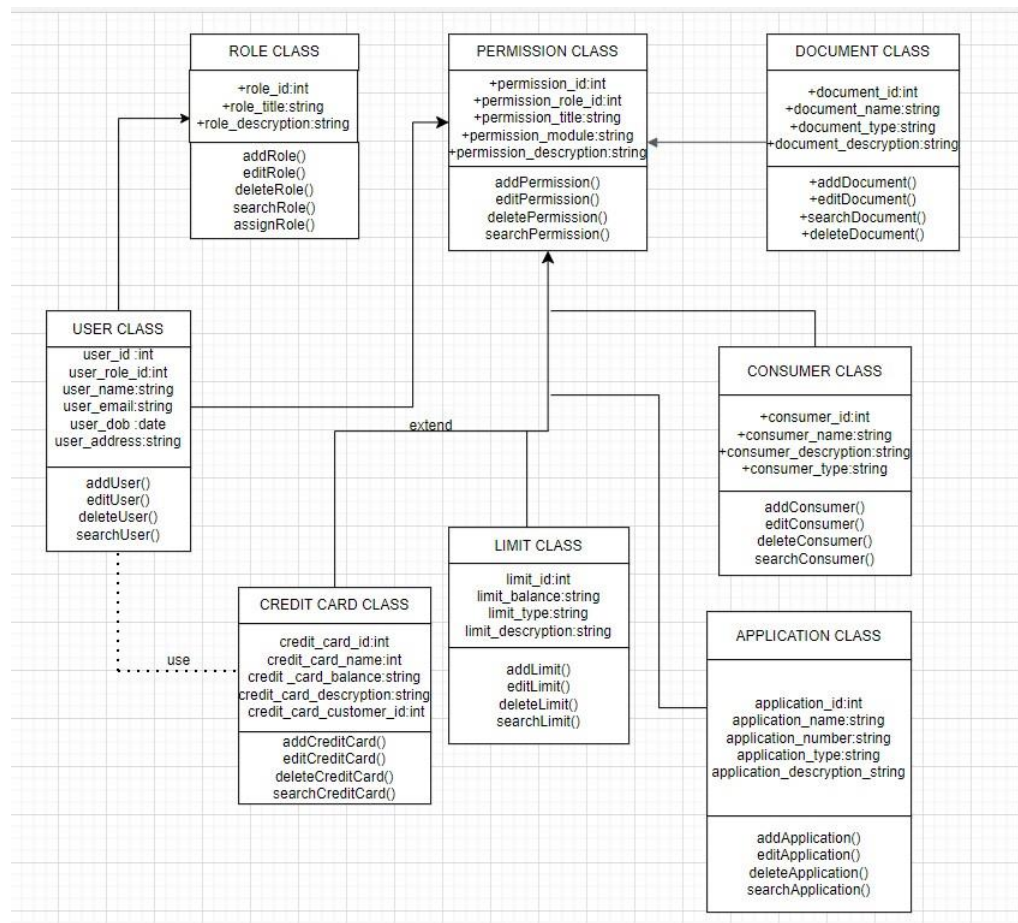##   MACHINE LEARNING

1.2 High Level Design - UML Diagram USE CASE DIAGRAM

CLASS DIAGRAM:

ROLE CLASS
+role_id:int
+role_title:string
+role_descryption:string

addRole()
editRole()
deleteRole()
searchRole()
assignRole()

PERMISSION CLASS
+permission_id:int
+permission_role_id:int
+permission_title:string
+permission_module:string
+permission_descryption:string

addPermission()
editPermission()
deletePermission()
searchPermission()

DOCUMENT CLASS
+document_id:int
+document_name:string
+document_type:string
+document_descryption:string

+addDocument()
+editDocument()
+searchDocument()
+deleteDocument()

USER CLASS
user_id :int
user_role_id:int
user_name:string
user_email:string
user_dob :date
user_address:string

addUser()
editUser()
deleteUser()
searchUser()

CONSUMER CLASS
+consumer_id:int
+consumer_name:string
+consumer_descryption:string
+consumer_type:string

addConsumer()
editConsumer()
deleteConsumer()
searchConsumer()

extend

LIMIT CLASS
limit_id:int
limit_balance:string
limit_type:string
limit_descryption:string

addLimit()
editLimit()
deleteLimit()
searchLimit()

CREDIT CARD CLASS
credit_card_id:int
credit_card_name:int
credit _card_balance:string
credit_card_descryption:string
credit_card_customer_id:int

addCreditCard()
editCreditCard()
deleteCreditCard()
searchCreditCard()

use

APPLICATION CLASS
application_id:int
application_name:string
application_number:string
application_type:string
application_descryption_string

addApplication()
editApplication()
deleteApplication()
searchApplication()

DEPLOYEMENT DIAGRAM:

REQUIREMENT
Scan()
Upload()
Print()

CREDIT CARD
Get credit card number
Expiration date
Check balance

USER ACCOUNT
Add()
Update()

USER ACCOUNT
create account
Credit card
Transactions

TRANSACTION
Transaction ID
Date
Amount

CREDIT CARD
Create()
Update()
Terminate()

CLIENT
Create()
Validate()

LOGIN
Challenges
Device
IP Address
Network