

APPENDIX 1

**INT 404 ASSIGNMENTS**

**Artificial Intelligence**

**END TERM REPORT**

*Topic:-* **Banking Bot Project**

**Section: - K18MS**

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## APPENDIX 2

### Student Declaration

This is to declare that this report has been written by us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. We aver that if any part of the report is found to be copied, we are shall take full responsibility for it.

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Place:- Jalandhar

Date:-Apr 06, 2020

## APPENDIX 3

### BONAFIDE CERTIFICATE

This is to certified that this “Vishal Kumar , Sovan Sahu , Aayush Kumar” student of B.Tech(CSE) of Lovely Professional University has worked under my supervision and guidance for this project work and prepared a project Report with the title “**Banking Bot Project**”.

The project Report which these are submitting is his genuine and original work to Best of my knowledge.

Jasleen Kaur

Assistant Professor

25340

Department of Intelligent Systems

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## **Objective**

The main aim of this project is all about the work done at a bank system. In this project we are going to implement some features of a bank. The main motto of this project is that how this bank manages the details of accounts, customer details, net banking, transactions, balance, statements, updation of remaining balance, etc.

The purpose of this project is to build a program to reduce the manual work for managing the accounts details, customer transaction etc.

This banking bot project is built using artificial algorithms that analyze user's queries or input and understand user's message and give an output or a proper result. The system is designed for banks use where users can ask any bank-related questions like account, customer's details, balance, transaction details, etc. This application is developed for web users. The system recognizes user's query and understands what he wants to convey and simultaneously answers them appropriately. The questions asked by the users can be in audio or text format. There is no specific format for users to ask questions. The built-in artificial intelligence system realizes users' requirements and provides suitable answers to the user.

## **Scope of Project**

Today at present scenario whole world is economically and technically depends on online banking system that tells briefly how to reduce the work load from human, how to resolve any type of issue automatically. Later that how it updates automatically.

## Programs of banking not project

```
print("=====
=====
=====
=====")
print()
print(" WELCOME TO BANKING BOT SYSTEM ")
print()
print("=====
=====
=====
=====")
print("Say Hello! to Start Chatting")
val = input()
val2 = "Hello"
val3 = "hello"
if(val == val2 or val == val3):
    print("Hi, nice to meet you:")
    print("How can I help you?")
    print("Type any of the task below :- ")
    print("1. Add beneficiary")
    print("2. Fund Transfer")
    print("3. Mini Statement")
    print("4. Balance Check")
    print()
    print("I want to add beneficiary")
    print("I want to trasfer money")
    print("I want to check my account balance")
    print("I want to get mini-statement")
    print("Please input a task :- ")
```

```
input1 = input()
```

```
input2 = "I want to add beneficiary"
```

```
input3 = "i want to add beneficiary"
```

```
input4 = "I want to transfer money"
```

```
input5 = "i want to transfer money"
```

```
input6 = "I want to check my account balance"
```

```
input7 = "i want to check my account balance"
```

```
input8 = "i want to get mini-statement"
```

```
input9 = "I want to get mini-statement"
```

```
if(input1 == input2 or input1 == input3):
```

```
    print("Enter your beneficiary name:- ")
```

```
    Name = input()
```

```
    print("Your beneficiary name is", Name)
```

```
    print("Enter beneficiary account number:- ")
```

```
    Account_number = input()
```

```
    print("Your beneficiary account number is ", Account_number)
```

```
    print("Benificiary Successfully Added.")
```

```
    print("Press 1 to quit:- ")
```

```
    choice = int(input())
```

```
    if(choice == 1):
```

```
        print("Thanks For Using Our Boting Service!!")
```

```
        print("Hope You Liked Our Services.")
```

```
if(input1 == input4 or input1 == input5):
```

```
    print("Quick Pay")
```

```
    print("Please enter the amount:- ")
```

```
    amount = int(input())
```

```
    print("Please enter the beneficiary account holder name:- ")
```

```
name = input()
print("Please enter the beneficiary account number:- ")
Account_number2 = int(input())
print("Please enter the beneficiary IFSC code:- ")
IFSC_code = input()
print("Enter linked account registered mobile number? ")
Mobile_Number = input()
print("Please type the OTP in Correct Format ")
OTP = input()
print("Savings No xxxxxxxxxxxxxx7 Debited with INR ", amount , " towards
NEFT Transfer to NEFT/", name)
print("Press 1 to quit:- ")
choice = int(input())
if(choice == 1):
    print("Thanks For Using Our Boting Service!!")
    print("Hope You Liked Our Services.")

if(input1 == input6 or input1 == input7):
    print("Enter your linked account mobile number:- ")
    mobile_number = input()
    print("Please type the OTP in correct Format:- ")
    otp = input()
    print("Welcome Mr. Aayush Singh Rajput!")
    print("Greeting from SBI!!")
    print("Account No. SBI001789454141")
    print("Current Balance = INR 15,000")
    print("Press 1 to quit:- ")
    choice = int(input())
    if(choice == 1):
        print("Thanks For Using Our Boting Service!!")
        print("Hope You Liked Our Services.")
```

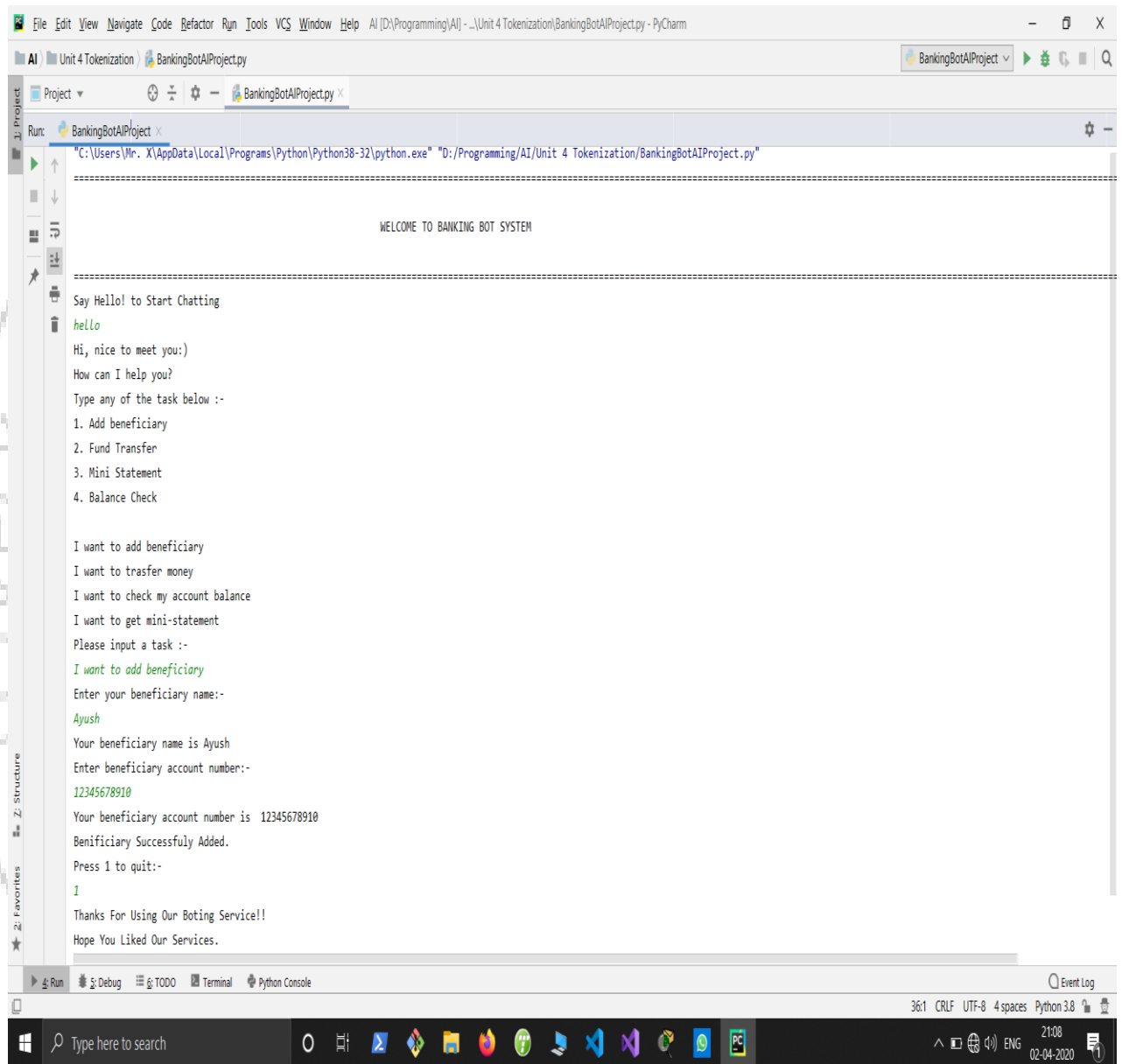


```
if(input1 == input8 or input1 == input9):
    print("Enter your linked account mobile number:- ")
    mobile_number = input()
    print("Please type the OTP in correct Format:- ")
    otp = input()
    print("Welcome Mr. Aayush Singh Rajput!")
    print("Greeting from SBI!!")
    print("Account No. SBI001789454141")
    print("TRANXCUB000000000001 | CREDIT | 75000 | 2019 - 25 - 12 04 : 34 : 16")
    print("TRANXCUB000000000002 | CREDIT | 75000 | 2020 - 25 - 01 05 : 30 : 10")
    print("TRANXCUB000000000003 | DEBIT | 100000 | 2020 - 28 - 01 12 : 55 : 17")
    print("TRANXCUB000000000004 | DEBIT | 5000 | 2020 - 25 - 02 21 : 41 : 10")
    print("TRANXCUB000000000005 | CREDIT | 75000 | 2020 - 25 - 02 20 : 28 : 05")
    print("TRANXCUB000000000006 | DEBIT | 15000 | 2020 - 20 - 03 14 : 36 : 01")
    print("TRANXCUB000000000007 | DEBIT | 4500 | 2020 - 21 - 03 16 : 45 : 30")
    print("TRANXCUB000000000008 | CREDIT | 4000 | 2020 - 22 - 03 18 : 39 : 59")
    print("TRANXCUB000000000009 | CREDIT | 55000 | 2020 - 23 - 03 06 : 12 : 55")
    print("TRANXCUB000000000010 | DEBIT | 45000 | 2020 - 24 - 03 08 : 46 : 40")

    print("Press 1 to quit:- ")
    choice = int(input())
    if(choice == 1):
        print("Thanks For Using Our Boting Service!!")
```

```
print("Hope You Liked Our Services.")
```

## Output results are:-



```
File Edit View Navigate Code Refactor Run Tools VCS Window Help AI [D:\Programming\AI] - ...Unit 4 Tokenization\BankingBotAIProject.py - PyCharm
AI Unit 4 Tokenization BankingBotAIProject.py
Project BankingBotAIProject.py
Run BankingBotAIProject.py
"C:\Users\Mr. X\AppData\Local\Programs\Python\Python38-32\python.exe" "D:/Programming/AI/Unit 4 Tokenization/BankingBotAIProject.py"

=====
WELCOME TO BANKING BOT SYSTEM
=====

Say Hello! to Start Chatting
hello
Hi, nice to meet you:)
How can I help you?
Type any of the task below :-
1. Add beneficiary
2. Fund Transfer
3. Mini Statement
4. Balance Check

I want to add beneficiary
I want to trasfer money
I want to check my account balance
I want to get mini-statement
Please input a task :-
I want to add beneficiary
Enter your beneficiary name:-
Ayush
Your beneficiary name is Ayush
Enter beneficiary account number:-
12345678910
Your beneficiary account number is 12345678910
Beneficiary Successfully Added.
Press 1 to quit:-
1
Thanks For Using Our Boting Service!!
Hope You Liked Our Services.
```

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help AI [D:\Programming\AI] - ...Unit 4 Tokenization\BankingBotAIProject.py - PyCharm
Unit 4 Tokenization BankingBotAIProject.py
Project BankingBotAIProject.py
Run BankingBotAIProject.py
Say Hello! to Start Chatting
hello
Hi, nice to meet you:)
How can I help you?
Type any of the task below :-
1. Add beneficiary
2. Fund Transfer
3. Mini Statement
4. Balance Check

I want to add beneficiary
I want to transfer money
I want to check my account balance
I want to get mini-statement
Please input a task :-
I want to get mini-statement
Enter your linked account mobile number:-
9856327854
Please type the OTP in correct Format:-
326598
Welcome Mr. Aayush Singh Rajput!
Greeting from SBI!!
Account No. SBI001789454141
TRANXCUB000000000001 | CREDIT | 75000 | 2019 - 25 - 12 04 : 34 : 16
TRANXCUB000000000002 | CREDIT | 75000 | 2020 - 25 - 01 05 : 30 : 10
TRANXCUB000000000003 | DEBIT | 100000 | 2020 - 28 - 01 12 : 55 : 17
TRANXCUB000000000004 | DEBIT | 5000 | 2020 - 25 - 02 21 : 41 : 10
TRANXCUB000000000005 | CREDIT | 75000 | 2020 - 25 - 02 20 : 28 : 05
TRANXCUB000000000006 | DEBIT | 15000 | 2020 - 20 - 03 14 : 36 : 01
TRANXCUB000000000007 | DEBIT | 4500 | 2020 - 21 - 03 16 : 45 : 30
TRANXCUB000000000008 | CREDIT | 4000 | 2020 - 22 - 03 18 : 39 : 59
TRANXCUB000000000009 | CREDIT | 55000 | 2020 - 23 - 03 06 : 12 : 55
TRANXCUB000000000010 | DEBIT | 45000 | 2020 - 24 - 03 08 : 46 : 40
Event Log
41:1 CRLF UTF-8 4 spaces Python 3.8
```

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help AI [D:\Programming\AI] - ...Unit 4 Tokenization\BankingBotAIProject.py - PyCharm
Unit 4 Tokenization BankingBotAIProject.py
Project BankingBotAIProject.py
Run BankingBotAIProject.py
"C:\Users\Mr. X\AppData\Local\Programs\Python\Python38-32\python.exe" "D:/Programming/AI/Unit 4 Tokenization/BankingBotAIProject.py"
WELCOME TO BANKING BOT SYSTEM

Say Hello! to Start Chatting
hello
Hi, nice to meet you:)
How can I help you?
Type any of the task below :-
1. Add beneficiary
2. Fund Transfer
3. Mini Statement
4. Balance Check

I want to add beneficiary
I want to transfer money
I want to check my account balance
I want to get mini-statement
Please input a task :-
I want to check my account balance
Enter your linked account mobile number:-
9856327845
Please type the OTP in correct Format:-
785903
Welcome Mr. Aayush Singh Rajput!
Greeting from SBI!!
Account No. SBI001789454141
Current Balance = INR 15,000
Press 1 to quit:-
1
Thanks For Using Our Botting Service!!
Event Log
37:1 CRLF UTF-8 4 spaces Python 3.8
```

### **Advantages of banking bot System:-**

1. Customer's convenience
2. More efficient rates
3. Services
4. Mobility
5. Transfers
6. Ease of use
7. Environment friendly

### **Disadvantages:-**

1. Transaction issue
2. Services issues
3. Security
4. Connectivity
5. Bank relationship

