BANK MANAGEMENT SYSTEM

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DECLARATION

It hereby declared that this course project title on "Bank Management System" under the supervision of Dr. Md. Asraf Ali, Associate Professor, Department of Software Engineering, Daffodil International University. It is also declared that neither this project nor any part of this has been submitted elsewhere for award or any degree.

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ACKNOWLEDGEMENT

First of all, I am grateful to The Almighty God for giving me the ability to complete this project. Today I am felling proud for myself. Because, to be a student of Daffodil International University. And I am thankful to Daffodil International University for giving me a chance to give me a chance to prove myself by showing this project. I thank to our Department Head **Dr. Touhid Bhuiyan**. And I want to thank to our respected class teacher **Dr. Md. Asraf Ali** for supporting and given your guideline and valuable advices. Bank management system is not a new system. Although in our country very few people use these kind of software for study. In another way I can say this is an advanced project for our country to use software for Study. In this software I have implemented many different feature for the advance level experience. And it is also very easy to use. This software will give you better experience. I hope every people who will use this system will be happy after completing their transaction. To build this software I have collected many types of information from different student portal sources. And also my friends help to build this software. At last I also thank my parents for their unceasing encouragement and support. On record, my sense of gratitude to one and all who, directly or indirectly, have lent their helping hand in this project.

Thank You

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List of Abbreviation

SWE = Software Engineering

DIU = Daffodil International University

ABSTRUCT

This is a project documentation on "Bank Management System". During the making of this project I explored new ideas and functionality. This report reflects my steps taken at various levels of programming skills.

This Project is an accounting system for existing Bank. This is a c Project which helps to manage education. The manager has to log in with username and password. Without log in manager can't enter. Manager can manage the whole system. The main objectives of this project is to build a Software for making a calculation and collecting information easy and within short time. User can Add as well as delete and also edit information. User can easily calculate Varsity fees from This program.

We can use this software for saving the data of the client and also store the information of all others accounting matters.

CHAPTER 1: INTRODUCTION

1.1 Background:

In this 21th century, we are living in information era. Day by day information is increasing in all sectors, but ability to store them proper way and make proper use of that information does not growth. By definition, Bank management system is a system where manager can store and see all kind information and manage all part of the info or bill.

1.2 Motivation of the Project:

The motivation for designing this system because I was curious about whole management system of a Bank management. I saw maximum management system wasn't computerized. That's why I explored some ideas and thought about how to make Bank management system of an existing client. Then I have learnt a lot of

things of Account and also other functions of Bank management system and implement my ideas in this system.

1.3 Problem Statement:

Now in this busy world there are so many Bank Management System. A person can't keep his information safe and many of them lose their lots of information and there is also some problem with the server some time. When they need any kind of information about their accounts they cannot find information easily and there is lots of waste of time to find the exact information. When they need to replace any information or any function they have to waste space and spend money for that information.

1.4 Project Objective:

For solving all the peoples issue I come in a decision to make a Bank Management System and where users are relax about their all information of the account , calculation and all other things. They will easily find their details information into the system. I can confidently say that by using this system they are 100% safe and secure. They are not going to afraid of losing their information. They can easily find out an information what were they needed. I think this is the easiest system to store their all kind of information.

1.5 Project Organization:

In first chapter I discussed background of my project. Here I also discuss motivation of the project, project description, problem statement and problem solution.

In Second chapter I will mainly discuss about its methodology that how it works with many things that I used to manage the program.

In Third chapter I will mainly discuss about its result and discussion or OUTCOME. With what to press to do what. All of this are done with screenshots of the project required part.

In last chapter I discussed about future plan or Recommendations. That what is my future plan with this software. What i want to add in this in future. And at present what can I do with this project.

2 CHAPTER 2: LITERATURE REVIEW

In our daily life we are getting attached with the technology. So I think we should make our life in a pace with the technology. In this way everyone will find their information from anywhere in the world. For this we need a better step and that is my project "Bank management system". But we don't want to know how the Bank management system works. How the manager does all these things. There are so many existing projects like this.

2.1 Existing Project:

There are not so many project about Bank management. I saw some of them but I wasn't full of satisfied. Some project has a little thing to do. Lots of things can be added with that. Then it will be more user friendly and helpful to manage any kinds of problem of a student.

I have tried to make this project user friendly to the user. I added many things more than previous existing project. By using this system user may can be satisfied. I mainly focused on energy saving and how to avoid waste of time.

3 CHAPTER 3: METHODOLOGY

At first we need to be registered in with defined password. User is only manager. After successfully registration user will be logged in. Students can do all the things of this system.

3.1 SIGN UP:

At first program will ask the user to register himself. In the registration part if any user uses the same username then it will ask again for registration. If the usernames are different from each other, program will run to the next step.

3.2 LOG IN:

In this option we matched the username and password. If the password match then the main operation starts. If it doesn't match then the program ask the user to log in again.

3.3 MENU BAR:

3.3.1 CREATE NEW ACCOUNT:

In this program, first we need to create account for the customer. When we enter this program it wants customers some personal information such as name, date of birth, citizenship, deposit amount, age, address, phone number etc. Then we filled all the wanted information the account will create. Then you can use the account for various uses.

3.3.2 UPDATE INFORMATION OF AN EXISTING ACCOUNT:

In this program, if we need to update your information then we will enter this program. For updations, it wants the account number these information we want to change. Then which we want to change choice this option and change this.

3.3.3 Transaction:

In this program, for transaction we will enter this item. First we give the account number which we want to deposit or withdraw money. Then if we need deposit or withdraw just choice the option and then give how much money we will deposit or withdraw.

3.3.4 Check the details of existing account:

In this program, if we want to check the details of an account we will enter it. First we have to give account number or name which account we want to check. Then it will give us the details.

3.3.5 REMOVE ACCOUNT:

In this program, if we want to delete an account we will enter this. First we have to give the account number which we want delete. Then its will be deleted.

3.3.6 VIEW CUSTOMER LIST:

In this program, if we want to see the all customer list with details then we will enter this program. First we have to choice the item then it automatically show the details of customer.

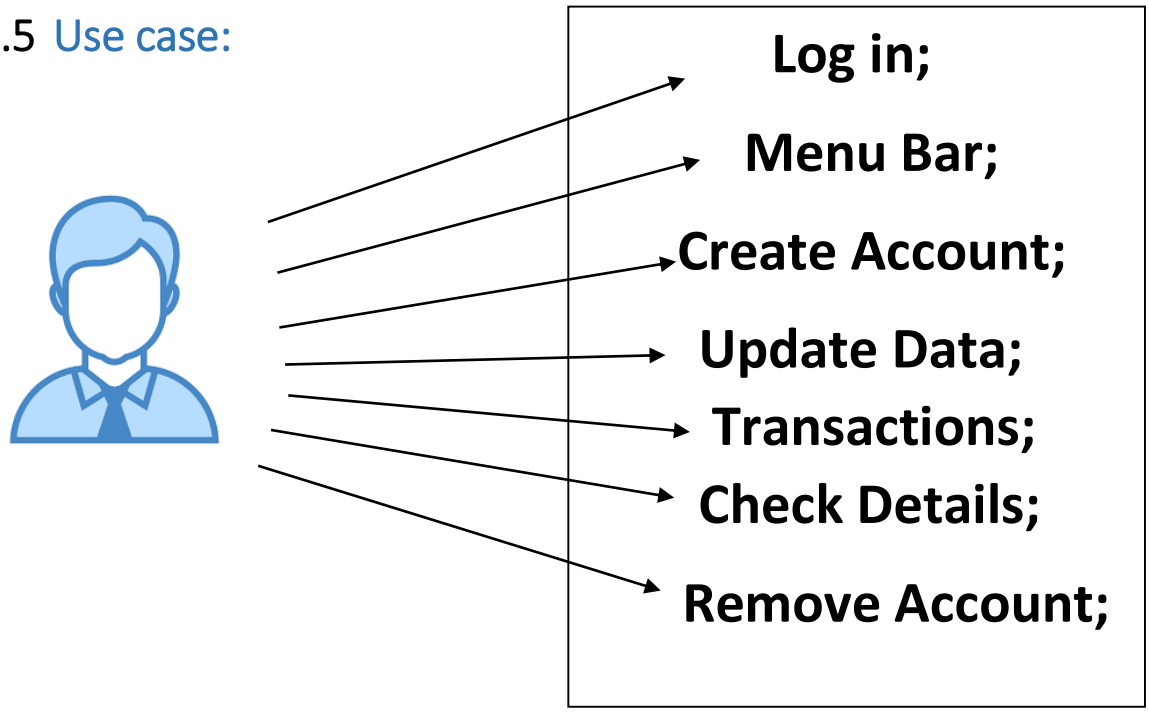
3.3.7 LOGGING OUT:

In this program, when we finished our all task and we want to log out our account then we choice the item of logging out.

3.4 Exit:

If the user want to exit from the program then he has to choose the option. This way he can turn off the program whenever he wants.

3.5 Use case:



3.6 Functional requirement:

1. Registration;
2. Log in;
3. Create account;
4. Update Data;
5. Transaction;
6. Check Data;
7. Remove Account;
8. View Customer Details;
9. Exit;

3.7 Non - functional:

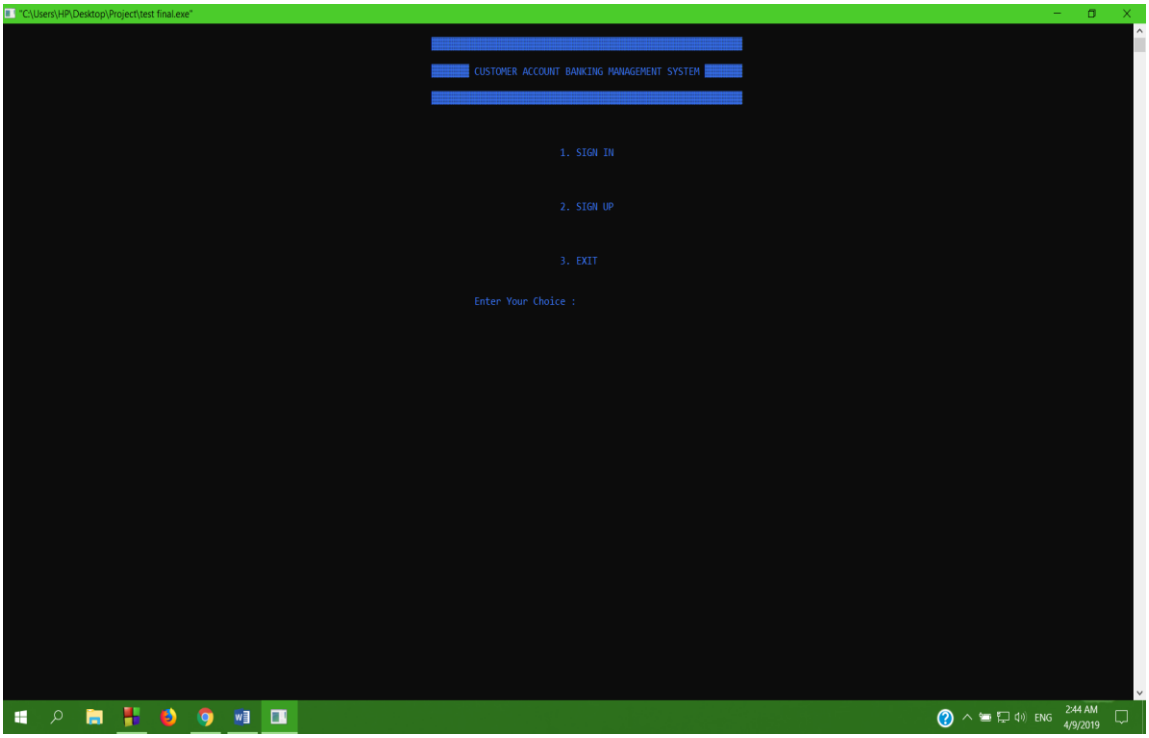
1. **Security;**
2. **Usability;**

3. Maintainability;
4. Performance;

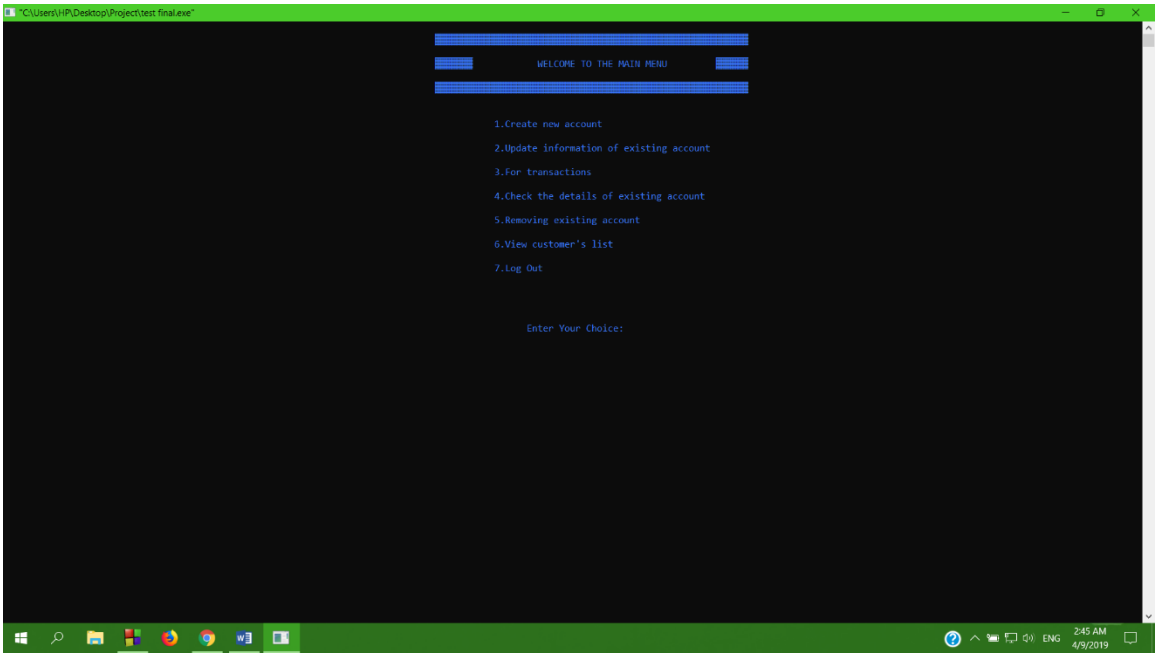
4 CHAPTER 4: RESULTS AND DISCUSSION

This chapter focuses on analysis and description of every options of this system. This project user is who manage a Car Parking management system.

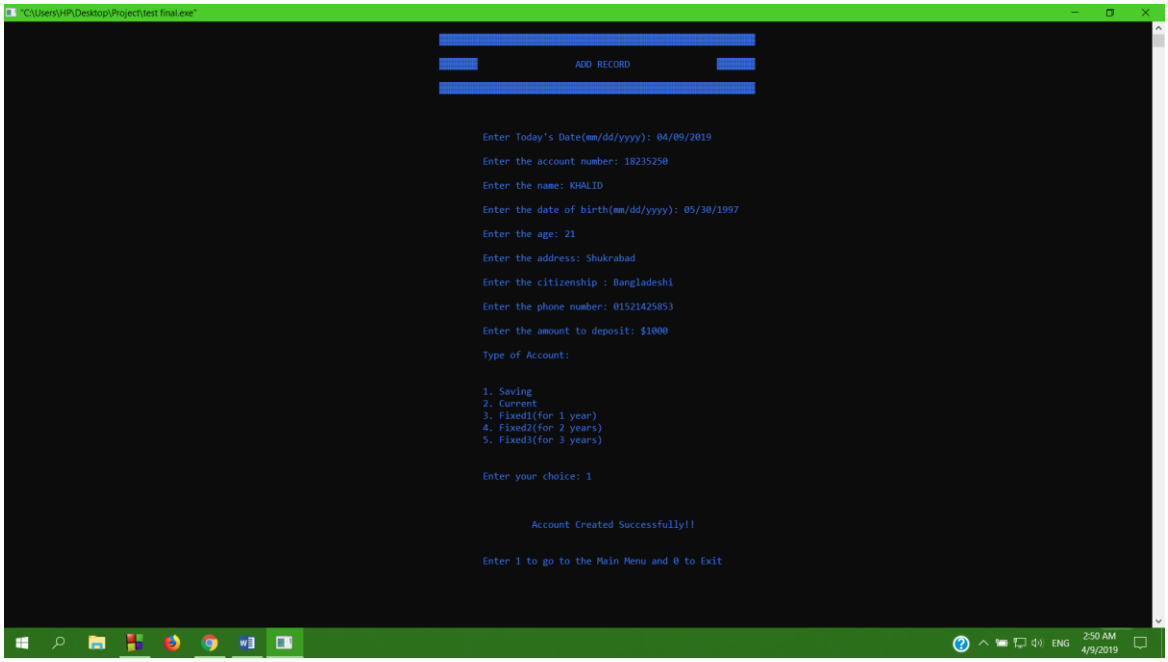
4.1 Log in:



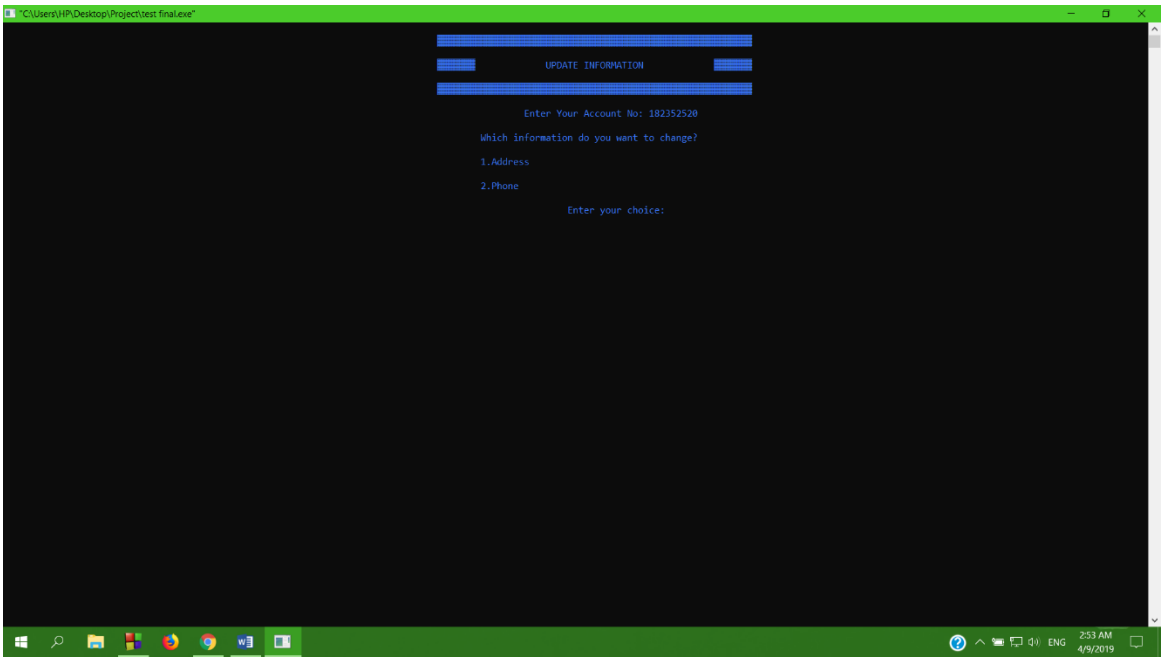
4.2 Menu Bar:



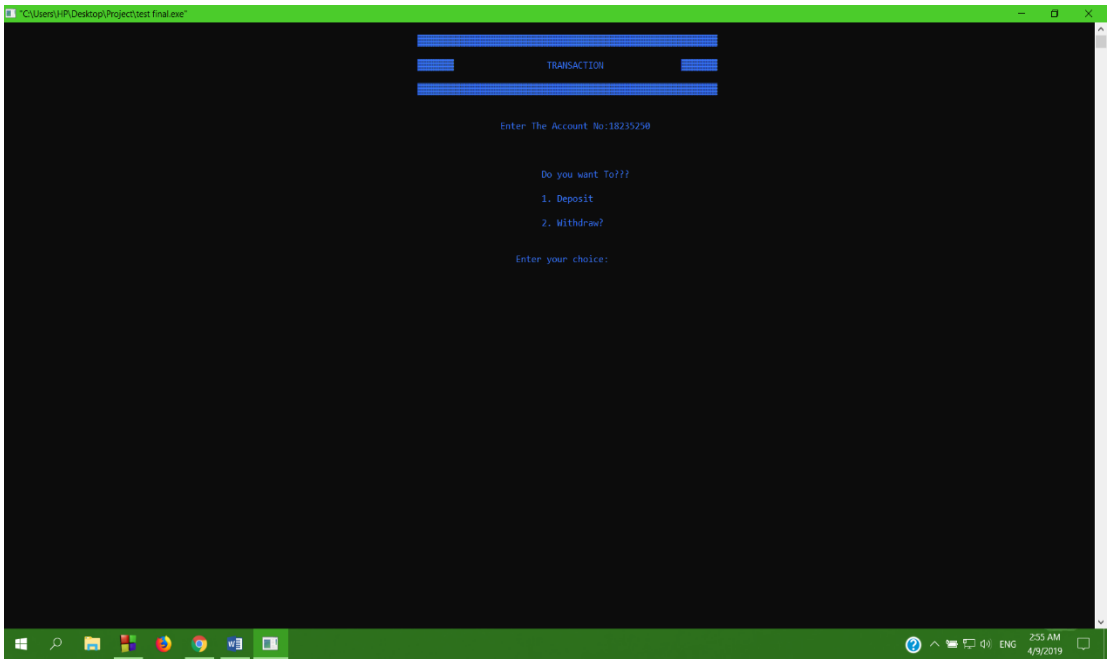
4.2.1 Create account:



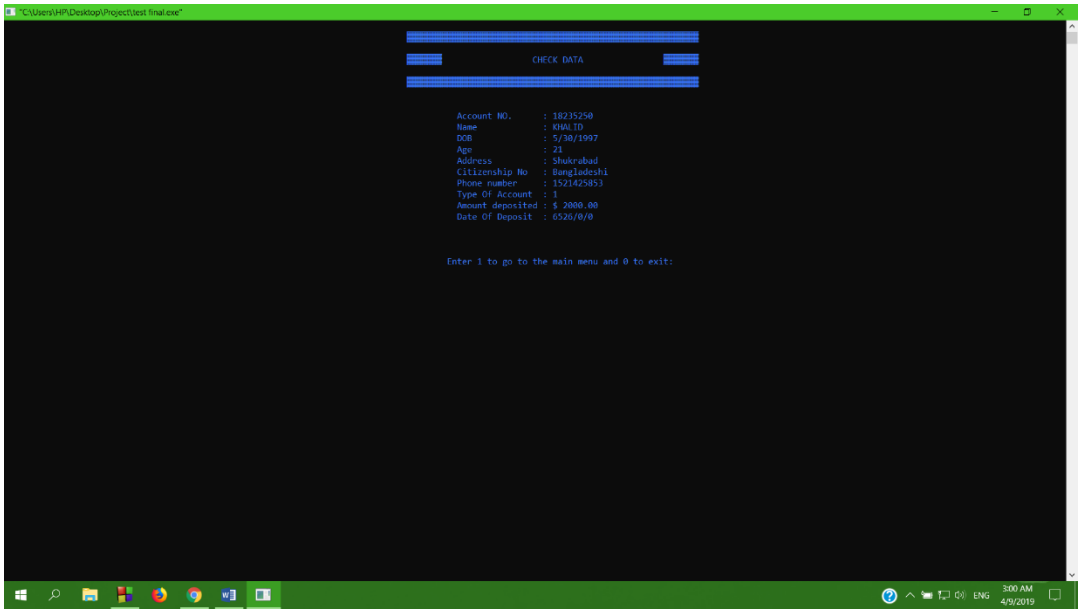
4.2.2 UPDATE INFORMATION:



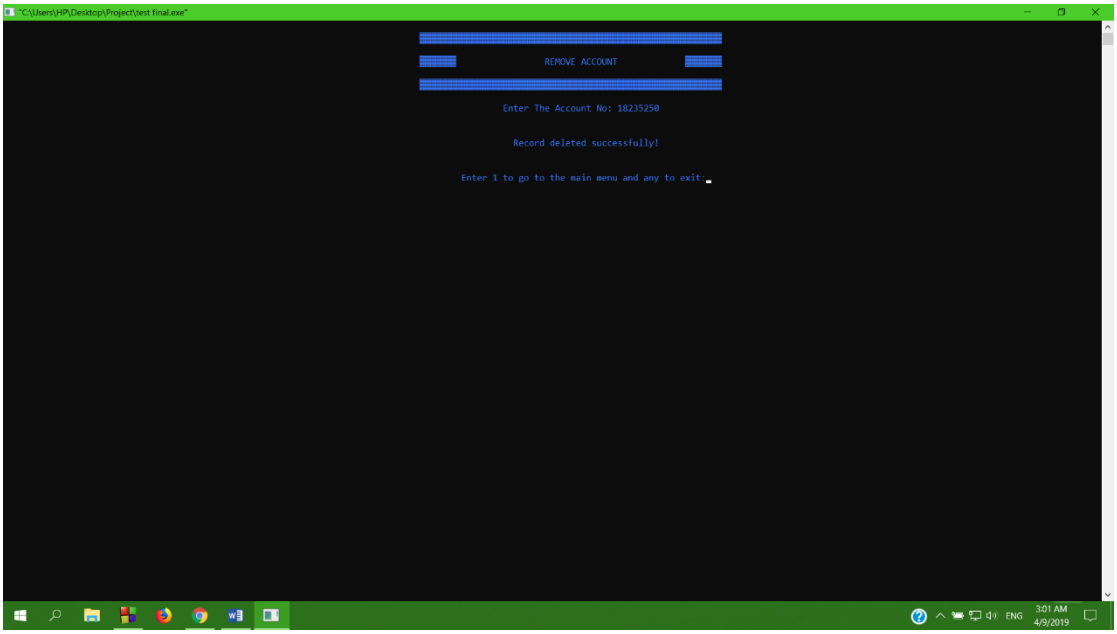
4.2.3 FOR TRANSACTIONS:



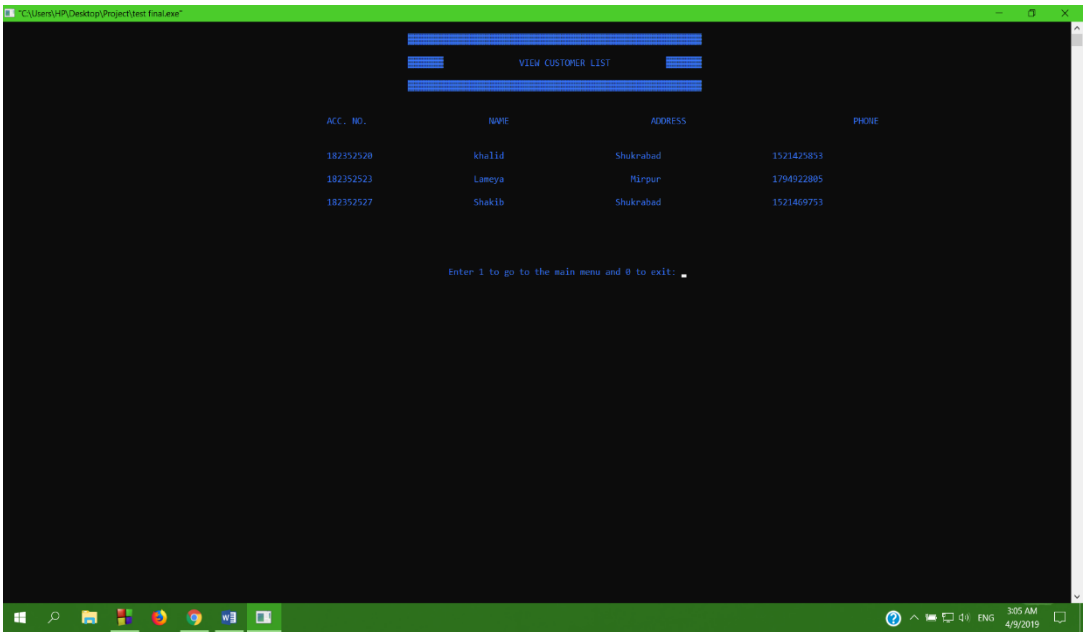
4.2.4 CHECK DETAILS:



4.2.1 REMOVING ACCOUNT:



4.2.2 VIEW CUSTOMERS LIST:



5 CHAPTER 5: CONCLUSIONS AND RECOMMENDATIONS:

5.1 Future addition:

1. Customer Login;
2. ATM Booth System;
3. Online Transaction;
4. Membership ;

5.2 Recommendations for Future Works:

This software has a nice future plan. This is possible to make more useful system with this software. My future plan about this software is work with a big project

option that can helps to observe fund. Manager or owner can utilized their profit or loss.

Reference

1. Computer programming (1st part and 2nd Part)
   (Tamim Shahriar Subin)

Other sources:

1. https://www.youtube.com/watch?v=pB45aYxFYd0
2. https://www.youtube.com/watch?v=VE_wE3VVMQ4
3. https://www.youtube.com/watch?v=zl9hmnj7BZU

MY CODE: https://paste.ubuntu.com/p/Pmj5nByN2Z/