

CERTIFICATE

This is to certify that the project _____

_____ has been carried out by _____

_____ of Class XII _____ Roll No. _____

wholeheartedly and with utmost sincerity as a part of _____

practical syllabus for AISSCE, 2021-22 to be conducted by CBSE.

Board Roll No. : _____

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Teacher In-Charge

External Examiner

Principal

ACADEMIC YEAR : 2021-22

PROJECT REPORT ON
Bank Management System

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CLASS : XII – A
SUBJECT : COMPUTER SCIENCE
SUBJECT CODE : 083

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I would like to express a deep sense of thanks & gratitude to my project guide Aiysha Siddiqui for guiding me immensely through the course of this project whose constructive advice & constant motivation have been responsible for the successful completion of this project.

My sincere thanks go to Sharatdeep Mathur, our Principal and Sugandha Khopkar, our Vice Principal for their co-ordination in extending every possible support for the completion of the project.

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Last but not the least; I would like to thank all those who have helped directly or indirectly towards the completion of the project.

Jaydeep Sanjay Solanki

CLASS: XII A

SYSTEM REQUIREMENTS:

HARDWARE:

1. PROCESSOR: INTEL®CORE™ I3-2100 [CPU@3.10GHz](#)
2. RAM:3GB
3. SYSTEM ARCHITECTURE:64 BIT OPERATING SYSTEM
4. KEYBOARD
5. MOUSE

SOFTWARE:

1. OPERATING SYSTEM: ANY OPERATING SYSTEM(x64 or x86) WITH PYTHON (VERSION>3.2.0)
2. MYSQL(OR ANY OTHER SOFTWARE LIKE WAMP SUPPORTING MYSQL)
3. MYSQL PHYTHON CONNECTOR IS COMPULSORY NEEDED.

OBJECTIVE OF PROJECT:

This project is developed in Python platform with MySQL database as backend and has been developed to clone the process of banking system

It has two users : Customer and Admin. It is included with integrated email verification system using a module.

PROPOSED SYSTEM:

All the modules of systems have been automated and efforts have been made to minimize the manual working.

MODULES:

i USER:

- **Login:** To start using this system user has to create an account with his/her details .This data will be stored in the database.
- **Withdraw:** The respective costumer can enter the details of his/her account and withdraw the amount entered from his/her account.
- **Deposit:** The respective costumer can provide his/her details and deposit money in his/her account retailer.
- **Transfer:** The respective costumer can provide his/her details along with the user to which the customer wants to transfer money.

ii Admin:

- **LOGIN:** Admin can login with his/her account.
- **Logs:** Check the logs like who registered and who deposited how much money . Note the admin don't have permission to see the user password.
 - i. UPDATED
 - ii. DEPOSITED
 - iii. WITHDRAWN
 - iv. TRANSFERRED
 - v. RECEIVED
 - vi. REGISTERED
 - vii. DELETED
 - viii. LOGIN
 - ix. All

BENEFITS OF PROPOSED SYSTEM:

- 1) **Less Paper Work:** The paper work is reduced to minimal level. Computer prepares the lists of food items.
- 2) **No Manual Work:** There is no manual work. All the processes are done through computer.
- 3) **Record of customers:** There is record of all the customers who got registered with their addresses and mobile numbers.
- 4) **Review Maintenance is Easier:** Review can now easily be maintained by producing a report with a format of adding customers records.
- 5) **Data Is Not Scattered:** Data is now stored at one place. Any information regarding anything can be easily available to the user.
- 6) **Flexibility:** The system is more flexible than the manual system being used presently.
- 7) **Beneficial:** The system is easy to use and reduces the user's workload a lot. It provides timely and accurate information and there is automatic generation of orders.
- 8) **Greater reach:** This system provides a wide reach of retailer to a lot of customers who can simply order food without any problems with the help of this simple proposed system.

DESCRIPTION & CONCLUSION

This project was developed from an idea of cloning the bank management system which I saw in YouTube. Adding email verification was my idea because as in real life the user has to verify it by phone number but doing phone verification system is high level coding so I chose using email verification system.

At the end I would like to conclude that I loved coding this system. Sometimes I went in trouble but I got helped from my mam and YouTube.

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