

REPORT DS PROJECT



BANK MANAGEMENT SYSTEM

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INTRODUCTION

- ✓ The Bank Management System(BMS) is an application for maintaining a personal account in a bank .

The system provides the access to the customer to create an account, deposit/withdraw the cash from his account, also to view reports of all accounts present.

In this project we tried to show the working of a banking account system and cover the basic functionality of a Bank Account Management System.

WHY NEED BMS?

Bank is the place where customers feel the sense of safety for their property. In the bank, customers deposit and withdraw their money. Transaction of money also is a part where customer takes shelter of the bank. Now to keep the belief and trust of customers, there is the positive need for management of the bank, which can handle all this with comfort and ease. Smooth and efficient management affects the satisfaction of the customers and staff members, indirectly.

Now a days, managing a bank is tedious job upto certain limit. So software that reduces the work is essential. Also today's world is a genuine computer world and is getting faster and faster day-by-day. Thus, considering above necessities, the software for bank management has become necessary which would be useful in managing the bank more efficiently.

PROJECT DETAILS

✓ ACCOUNT CREATION/DELETION

Simple creation of a new account and deletion of an existing account is one of the basic features of BMS. Types of account possible in this BMS :

- Saving account
- Current account

ACCOUNT CREATION

Test Window

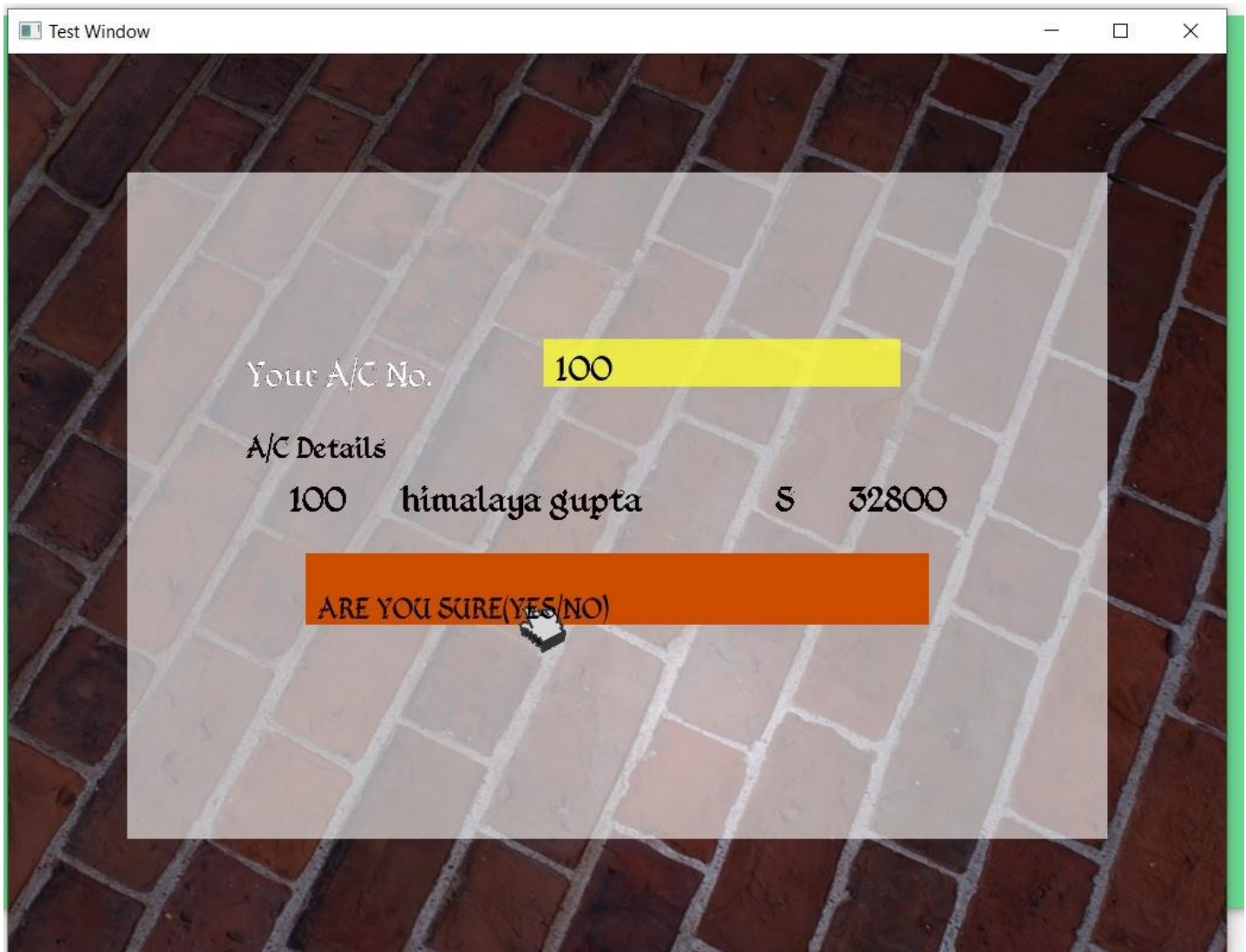
< BACK

Unique A/C No. +

Steps to Create Account:

- 01. Select/Enter Unique
- 02. Fill in Account related
- 03. Enter Starting Amount

ACCOUNT DELETION



✓ INTERACTIVE UI

Our Program gives you the real feel of a desktop application.
Say bye bye to Console based applications now

✓ DEPOSIT/WITHDRAWL

This can be done through customer section. A user can deposit and withdraw money from it.

DEPOSIT / WITHDRAWL

Test Window

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Your A/C No. 100

Your A/C Details

100	himalaya gupta	\$	32800
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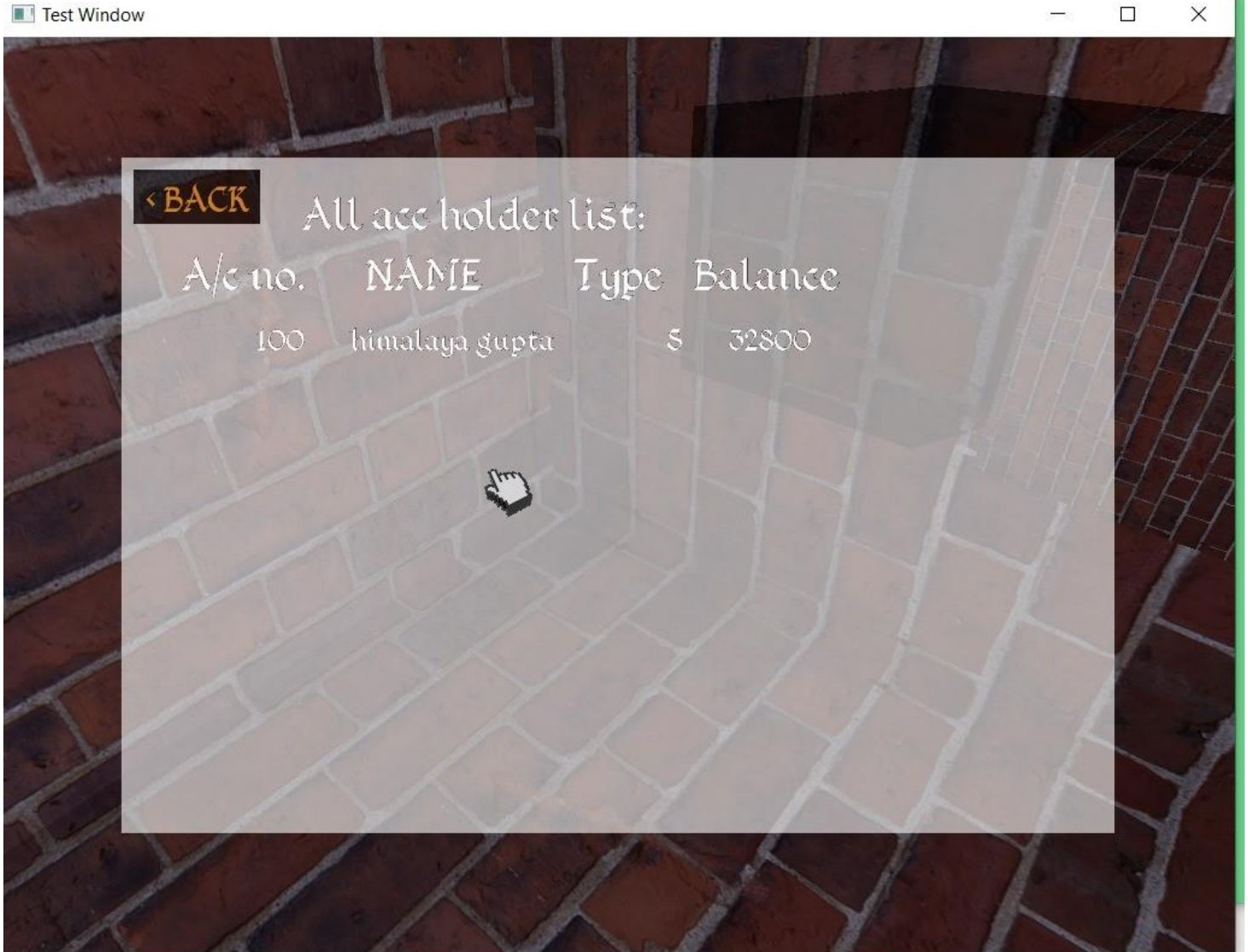
ENTER AMOUNT 3000 +

SUCCESSFUL, Record Updated

✓ LOG FILE

Every activity carried out in the BMS will be stored in a single log file. Each transaction, each deposit or withdrawal, etc will have its entry marked in this log file with time and date of the transaction.

ACCOUNT HOLDER LIST



✓ ACCOUNT DETAIL

This section contains the detail of account holder such as acc. no. ,name , a/c type , balance.

BALANCE ENQUIRY

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BALANCE ENQUIRY

Your A/C No. 100 +

BALANCE DETAILS:

A/c No. : 100

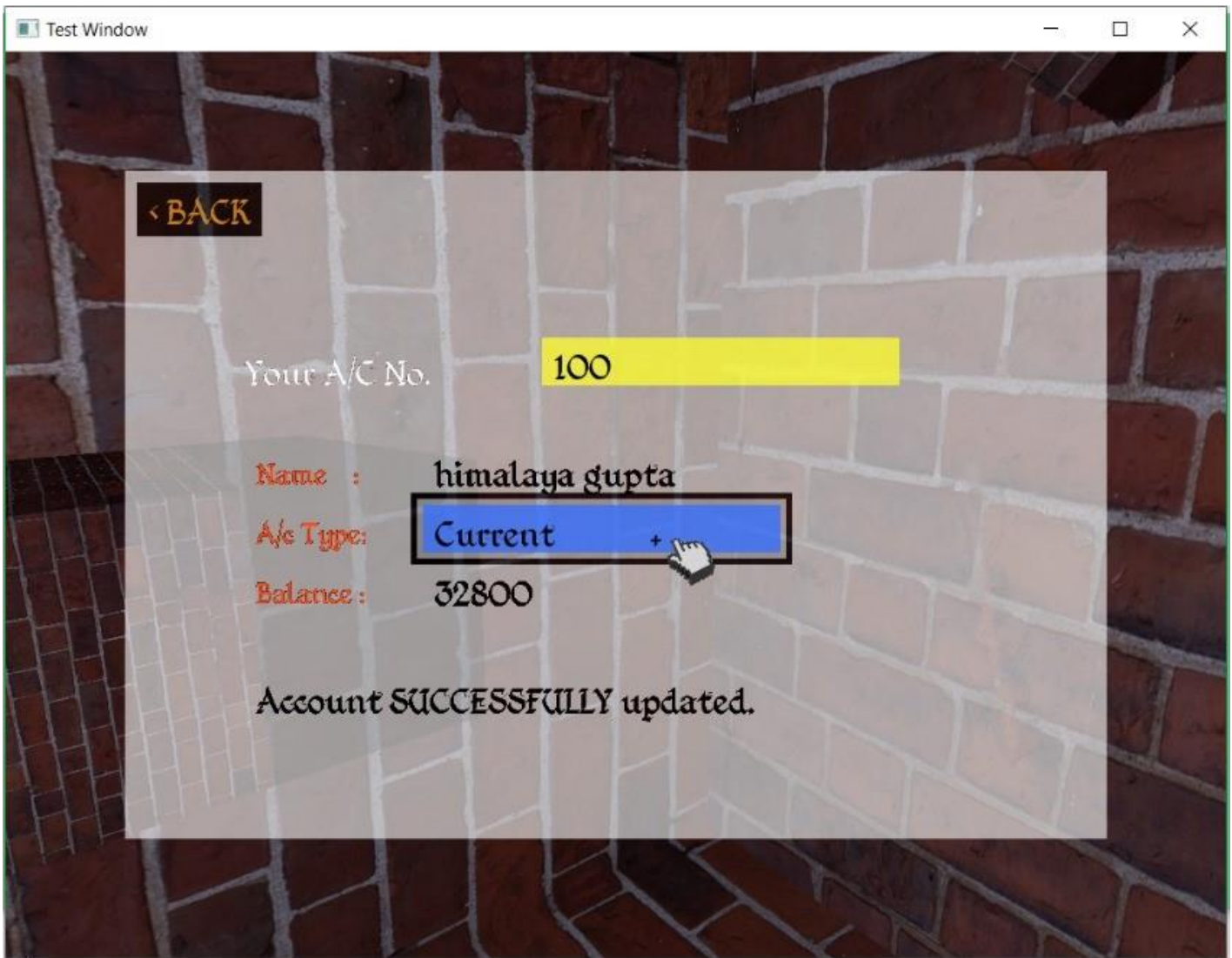
Name : himalaya gupta

A/c Type: S

Balance : 32800

✓ MODIFY ACCOUNT

Want to convert your account from saving to current or vice versa ??
No problem , with our modify account functionality , user can modify his/her account.



IMPLEMENTATION OF BMS

Implementation is the realization, application, or execution of a plan, idea, model, design, specification, standard algorithm, or policy.

To realize our project we will be using following data structures and algorithms

1-Linked list

- mainly used in the creation and deletion of account.

2-Arrays

- Almost everywhere

3-File handling

- For the creation of log file

4-Sorting and searching algorithm

- For searching throughout the program

5-Structures

- For storing various types of data

6-Open GL extension wrangler library -

- A cross-platform open-source C/C++ extension loading library determining which OpenGL extensions are supported on the target platform.

7-OpenGL Mathematics (GLM)

- C++ mathematics library for graphics software based on the OpenGL Shading Language (GLSL) specifications.

8-FT2

- FreeType is a software development library that is able to load fonts, render them to bitmaps, and provide support for several font-related operations.

THANK YOU