PARSHVANATH CHARITABLE TRUST'S
A.P SHAH INSTITUTE OF TECHNOLOGY, THANE
(ALL PROGRAMS ACCREDITED BY NBA)

Department Of Computer Engineering

Python

Bank Management System

Using Tkinter GUI Application

Member Names:
Yashovardhan Sarda (19102063)
Shreya Godbole (19102034)
Catherene Joshi (19102007)

Objectives

To create an efficient e-banking system through implementation of comprehensive end-to-end solutions.

To create a coherent system by creating a smoothly working banking system.

To encourage a paperless environment by covering end-to-end activities yet providing enough control over different transactions.

Problem Statement/ Topic Description

- Creating a Bank Management System using tkinter as the GUI Application.

  Although the basic type of services offered by a bank depends upon the type of bank and the country, services provided usually include:

  - Taking deposits from their customers
  - Issuing current and savings accounts to individuals and business.

Abstract

- Simple console-based total application developed using python programming language.
- A user can create an account by providing the basic information
- Developed to carry out the transactions and processes easily and quickly, which system can perform faster than manuals systems.
- Provides the simplest management of bank account. In short, this projects mainly focus on CRUD.

Introduction

The Bank Account Management System is an application for maintaining a person's account in a bank. The banking management system is almost digital it is convenient for both bankers and users to manage e-banking there are different models of bank management systems as per the policy and requirement of the business.

- Open Source, Easy to use
- Consists of standard attributed dimensions, fonts, colors, cursors, anchors, and bitmaps for better GUI.
- Consists of a variety of methods like pack(), grid(), and place() for geometry management.

Description

1. Create Account

- Includes Labels and Entry Boxes for basic user info inputs
- Values from the Entry box is accessed using get()
- After all validations are met, the details are stored in a text file once the submit button containing the submit function is pressed..

2. Log-In

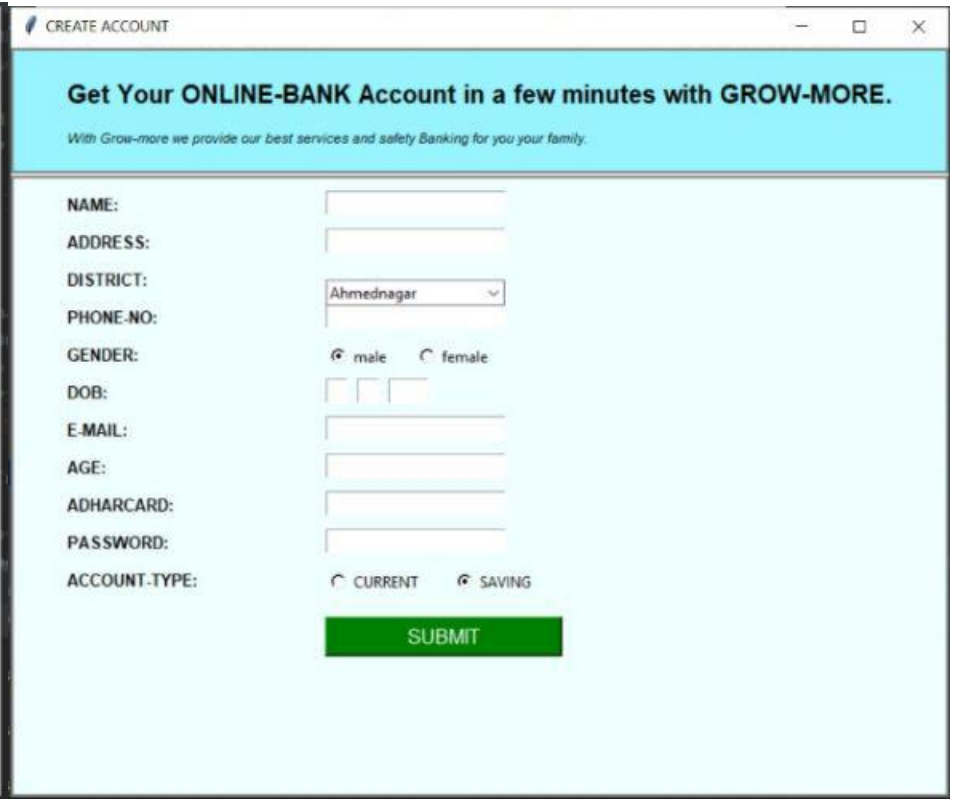
- Includes Labels and Entry Boxes that inputs details to get in through the user's profile.
- Admin and User's Login
- After all validations are met, the user is then taken to a page where all transaction facilities are met.

3. Money Transaction

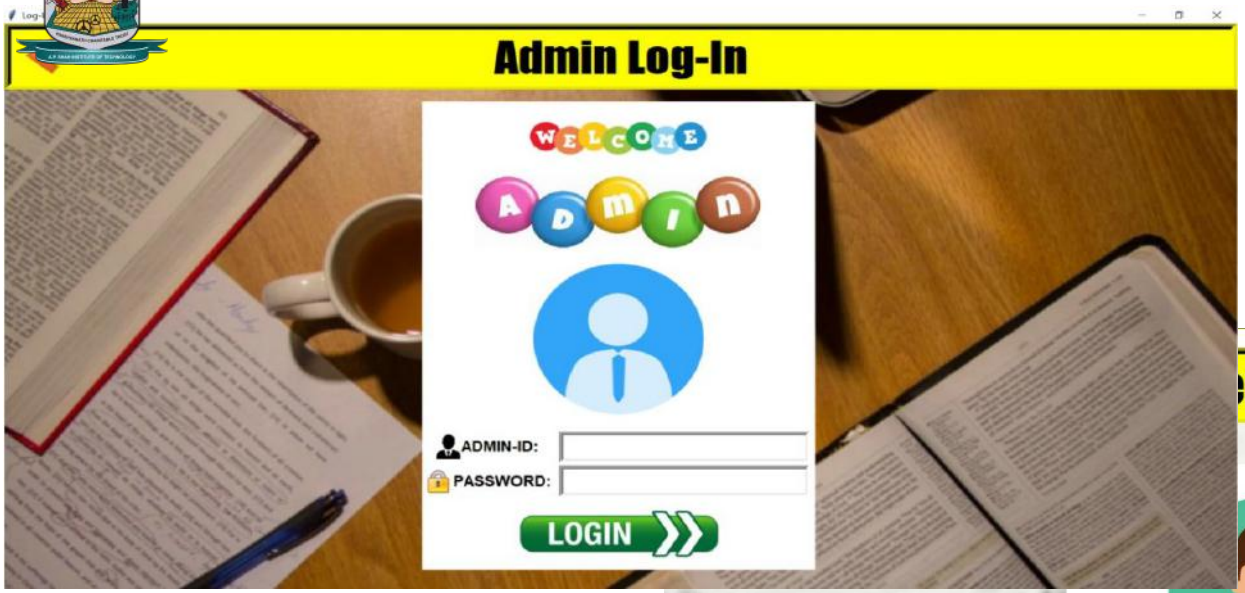
- Username is fetched through the text file using the read/ write mode in file handling.
- The updated balance is credited or debited into the user's acurrent ccount balance.

Output

BANKING PROJECT
Grow more
Since 1992
GROW MORE
Create Account
Log-In


CREATE ACCOUNT
Get Your ONLINE-BANK Account in a few minutes with GROW-MORE.
With Grow-more we provide our best services and safety Banking for you your family.
NAME:
ADDRESS:
DISTRICT:
Ahmednagar
PHONE-NO:
GENDER:
male
female
DOB:
E-MAIL:
AGE:
ADHARCARD:
PASSWORD:
ACCOUNT-TYPE:
CURRENT
SAVING
SUBMIT

Log-In ACCOUNT
User Log-In
Admin Log-In

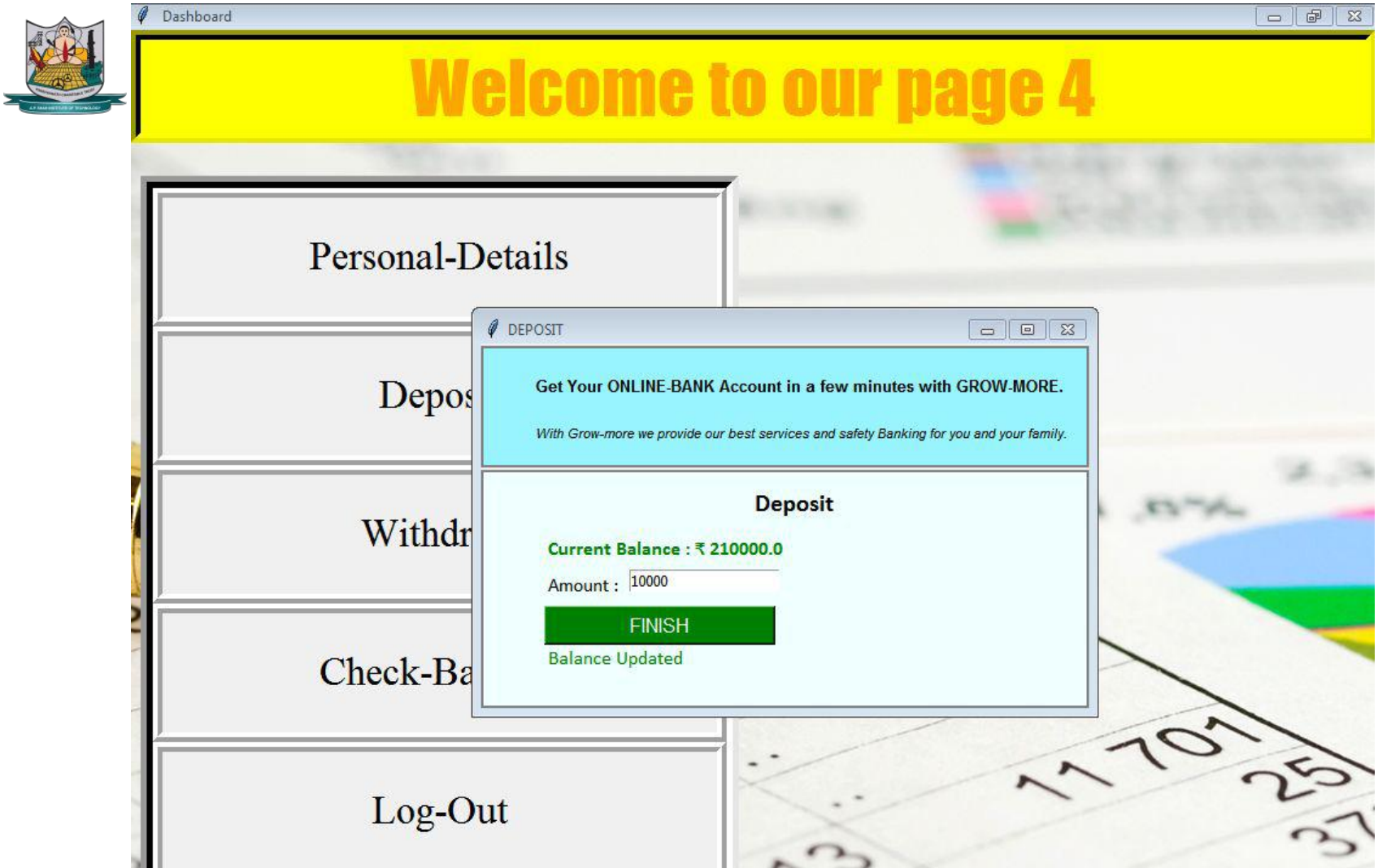

Admin Log-In
WELCOME
ADMIN
ADMIN-ID:
PASSWORD:
LOGIN

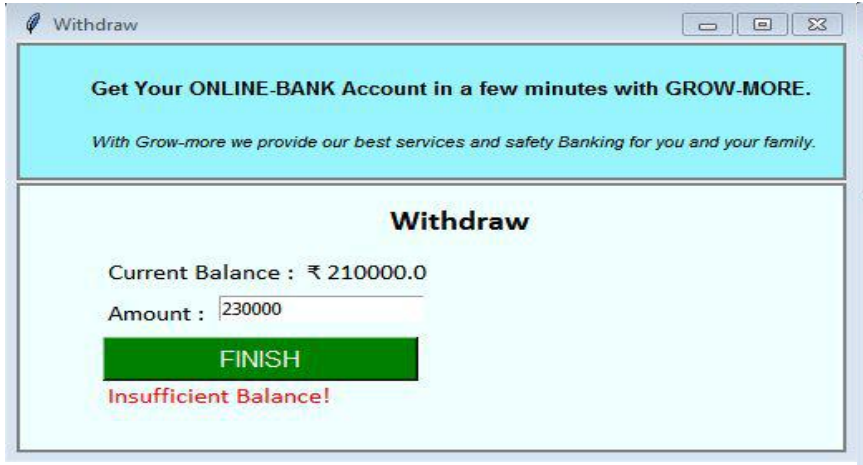
r Log-In
USERNAME:
ADHARCARD:
PASSWORD:
Exit
Login

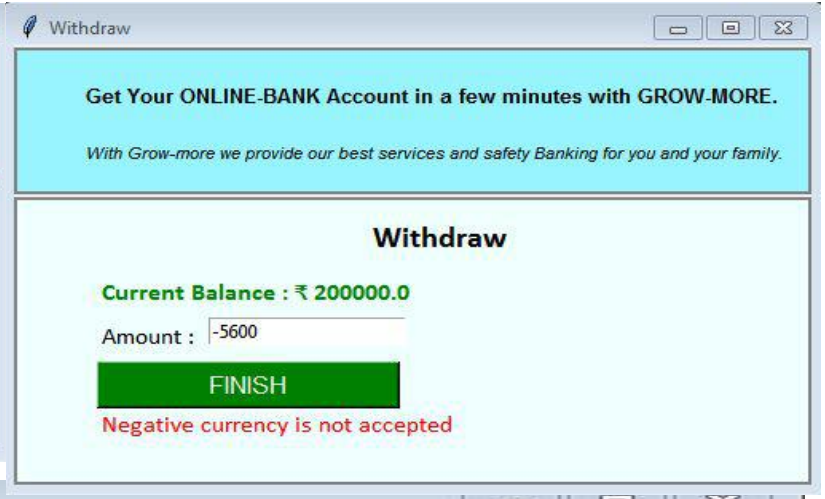
Dashboard

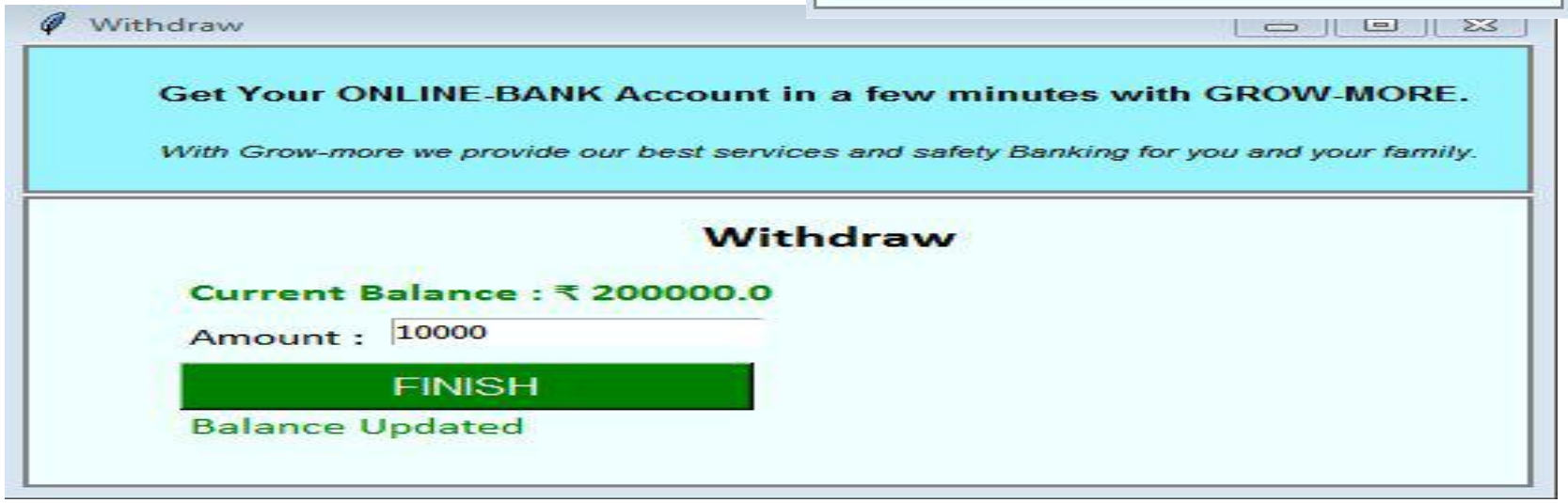
Welcome to our page 4

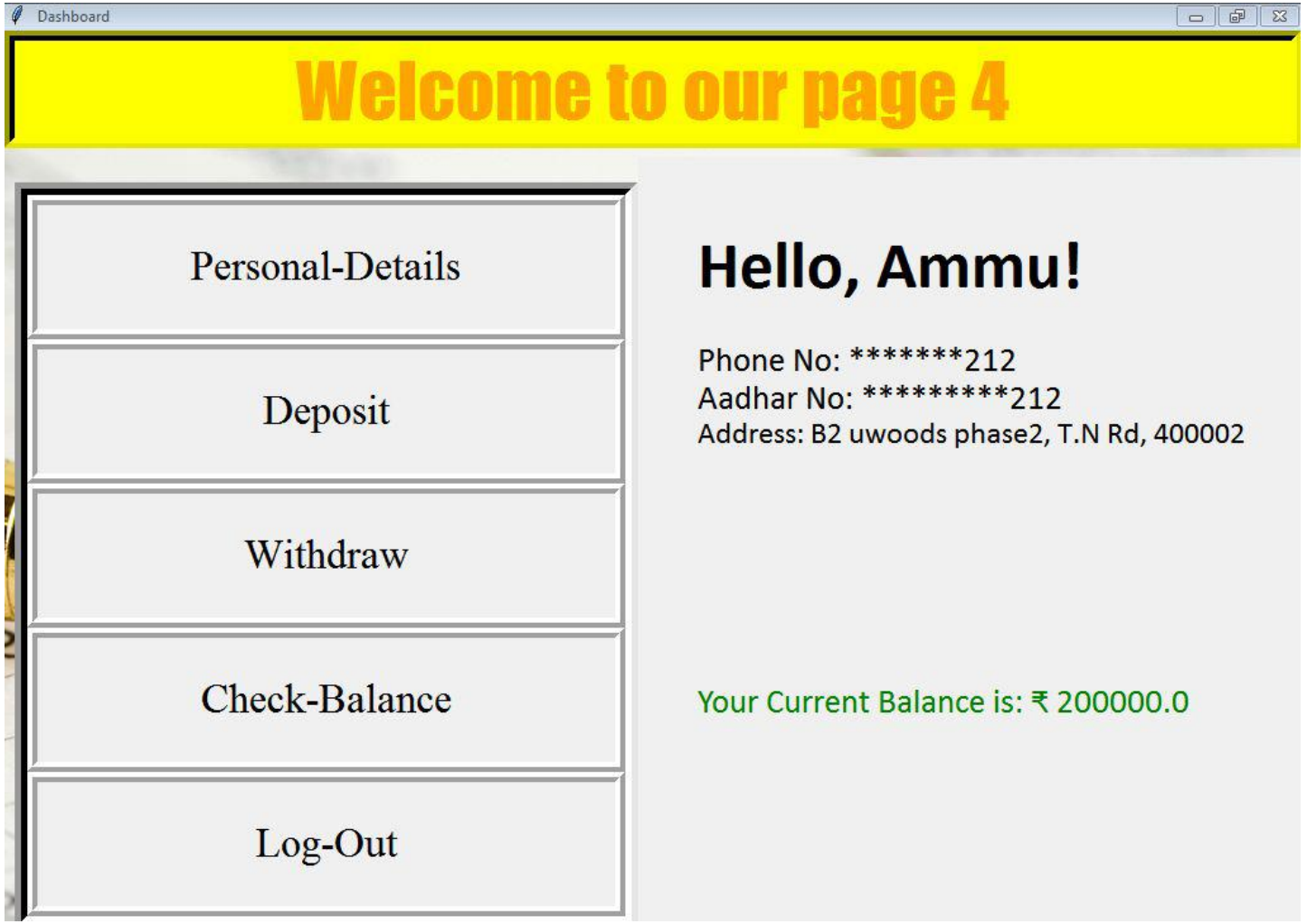
- Personal-Details
- Deposit
- Withdraw
- Check-Balance
- Log-Out

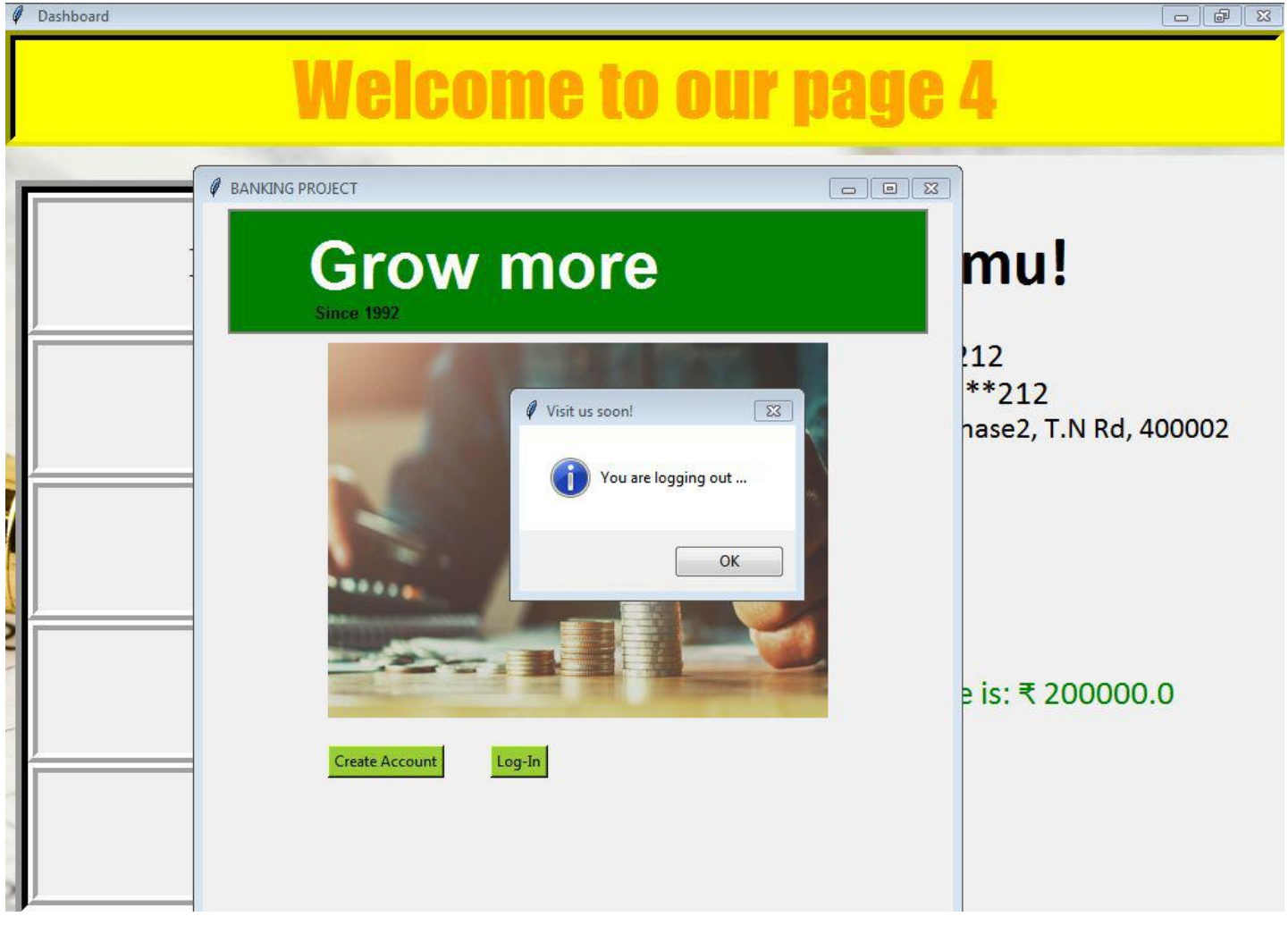

Dashboard
Welcome to our page 4
Personal-Details
Depos
Withdr
Check-Ba
Log-Out
DEPOSIT
Get Your ONLINE-BANK Account in a few minutes with GROW-MORE.
With Grow-more we provide our best services and safety Banking for you and your family.
Deposit
Current Balance : ₹ 210000.0
Amount : 10000
FINISH
Balance Updated

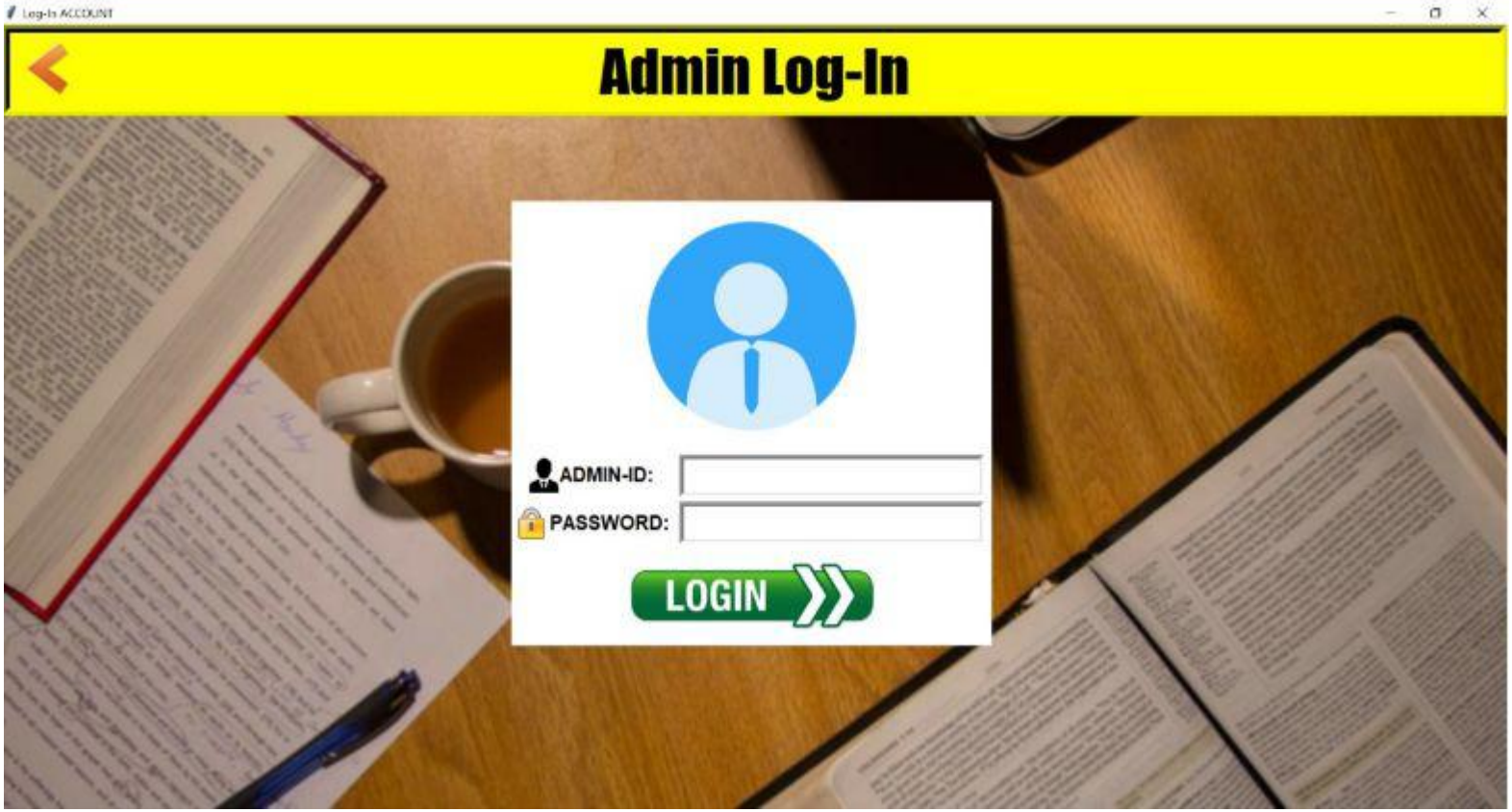

Withdraw
Get Your ONLINE-BANK Account in a few minutes with GROW-MORE.
With Grow-more we provide our best services and safety Banking for you and your family.
Withdraw
Current Balance : ₹ 210000.0
Amount : 230000
FINISH
Insufficient Balance!

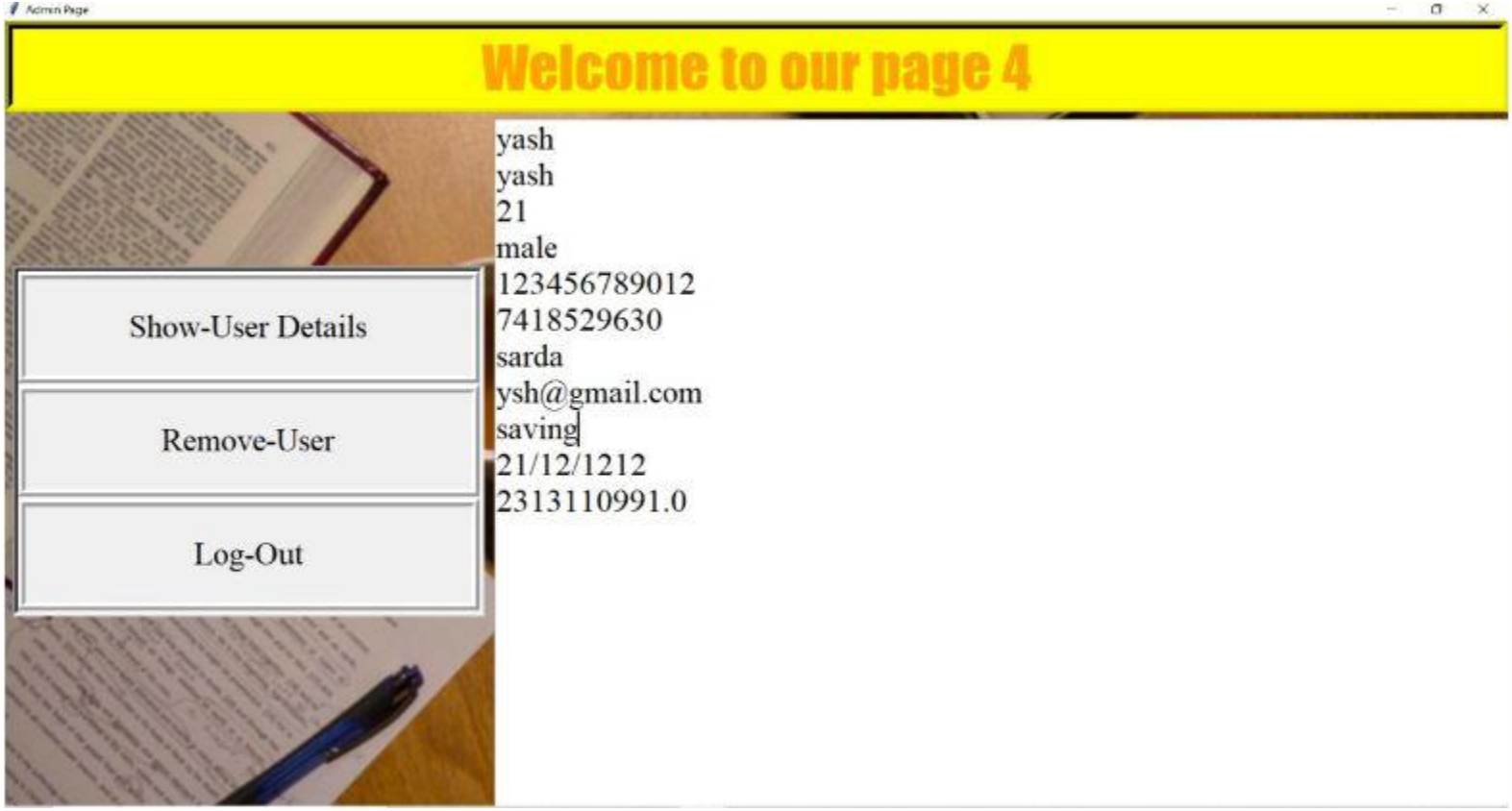

Withdraw
Get Your ONLINE-BANK Account in a few minutes with GROW-MORE.
With Grow-more we provide our best services and safety Banking for you and your family.
Withdraw
Current Balance : ₹ 200000.0
Amount : -5600
FINISH
Negative currency is not accepted

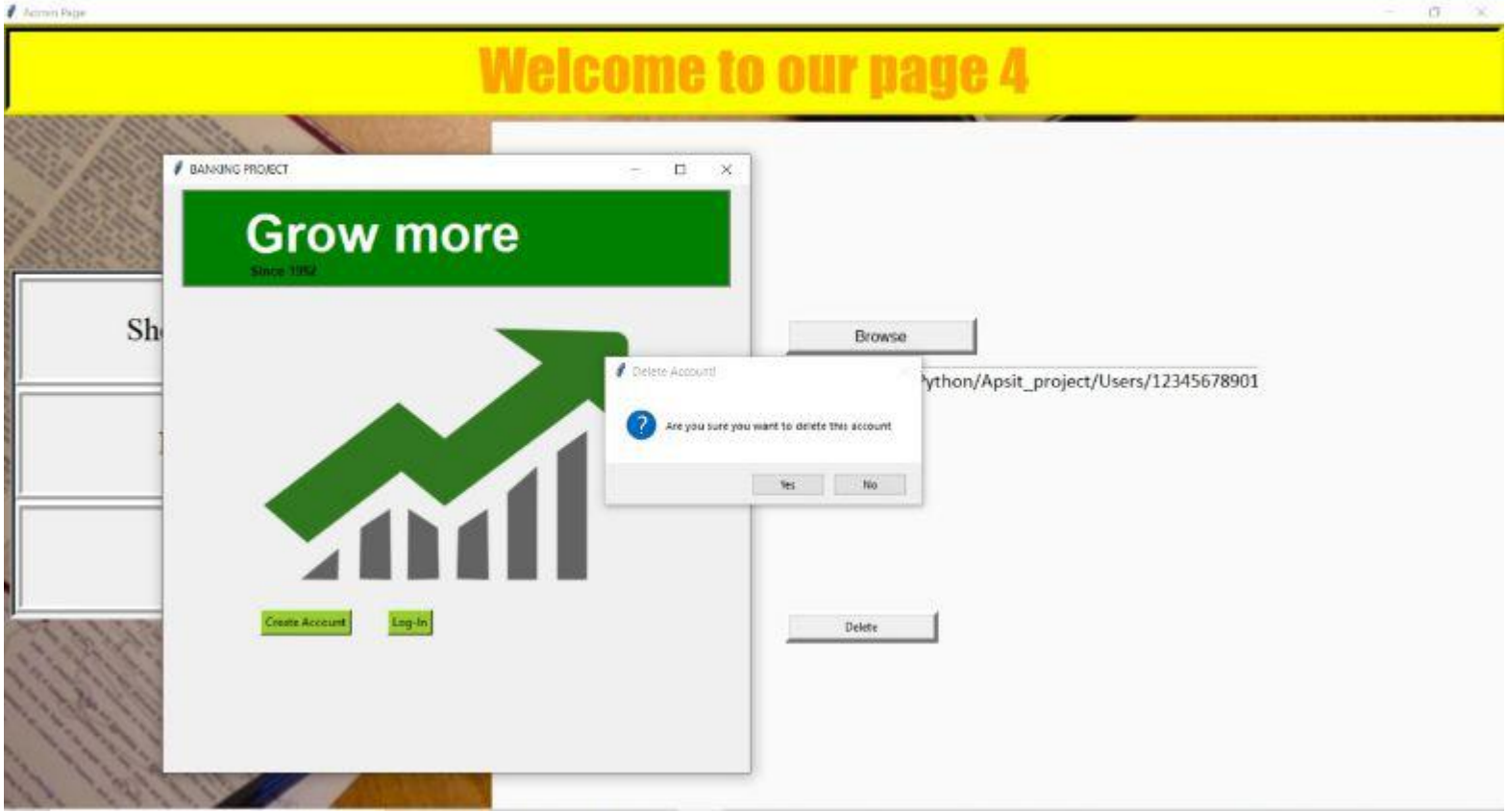

Withdraw
Get Your ONLINE-BANK Account in a few minutes with GROW-MORE.
With Grow-more we provide our best services and safety Banking for you and your family.
Withdraw
Current Balance : ₹ 200000.0
Amount : 10000
FINISH
Balance Updated


Dashboard
Welcome to our page 4
Personal-Details
Deposit
Withdraw
Check-Balance
Log-Out
Hello, Ammu!
Phone No: *******212
Aadhar No: **********212
Address: B2 uwoods phase2, T.N Rd, 400002
Your Current Balance is: ₹ 200000.0


Dashboard
Welcome to our page 4
BANKING PROJECT
Grow more
Since 1992
Visit us soon!
You are logging out ...
OK
Create Account
Log-In
mu!
212
**212
nase2, T.N Rd, 400002
e is: ₹ 200000.0


Log-In ACCOUNT
Admin Log-In
ADMIN-ID:
PASSWORD:
LOGIN


Admin Page
Welcome to our page 4
Show-User Details
Remove-User
Log-Out
yash
yash
21
male
123456789012
7418529630
sarda
ysh@gmail.com
saving
21/12/1212
2313110991.0


Welcome to our page 4
BANKING PROJECT
Grow more
Since 1952
Create Account
Log-In
Delete Account!
Are you sure you want to delete this account
Yes
No
Browse
ython/Apsit_project/Users/12345678901
Delete

Acknowledgement

We have great pleasure in presenting the mini project report on “Bank management system using tkinter”. We take this opportunity to express our sincere thanks towards our guide Prof.Merlin Jacob Department of Computer Engineering, APSIT thane for providing the technical guidelines and suggestions regarding line of work. We would like to express our gratitude for his constant encouragement, support and guidance through the development of the project.

We thank Prof.Sachin Malave, Head of Department, Computer Engineering, APSIT for his encouragement during the progress meeting and for providing guidelines to write this report.

We wish to express our deep gratitude towards all our colleagues of APSIT for their encouragement.

References

- Veneeva, V. (2006), "E-Banking (Online Banking) and Its Role in Today's Society", Ezine articles, June 30,2015
  https://www.researchgate.net/publication/301293322_Bank_Account_Management_System

- John E. Grayson, January 2000, Python and Tkinter Programming,
  https://www.manning.com/books/python-and-tkinter-programming

Website used:
https://stackoverflow.com/search?q=tkinter&s=1c054c4a-963d-4b70-8bef-be7d497d0536

THANK YOU !