A dark blue vertical bar on the left side of the page. A blue arrow points to the right from the bar, containing the date.

2/6/2023

ATM PROJECT

Several thin, curved lines in dark blue and light grey originate from the bottom left and curve upwards and to the right.

M.A.R MOHAMED SALMAN FARIS
MANFREE TECHNOLOGY

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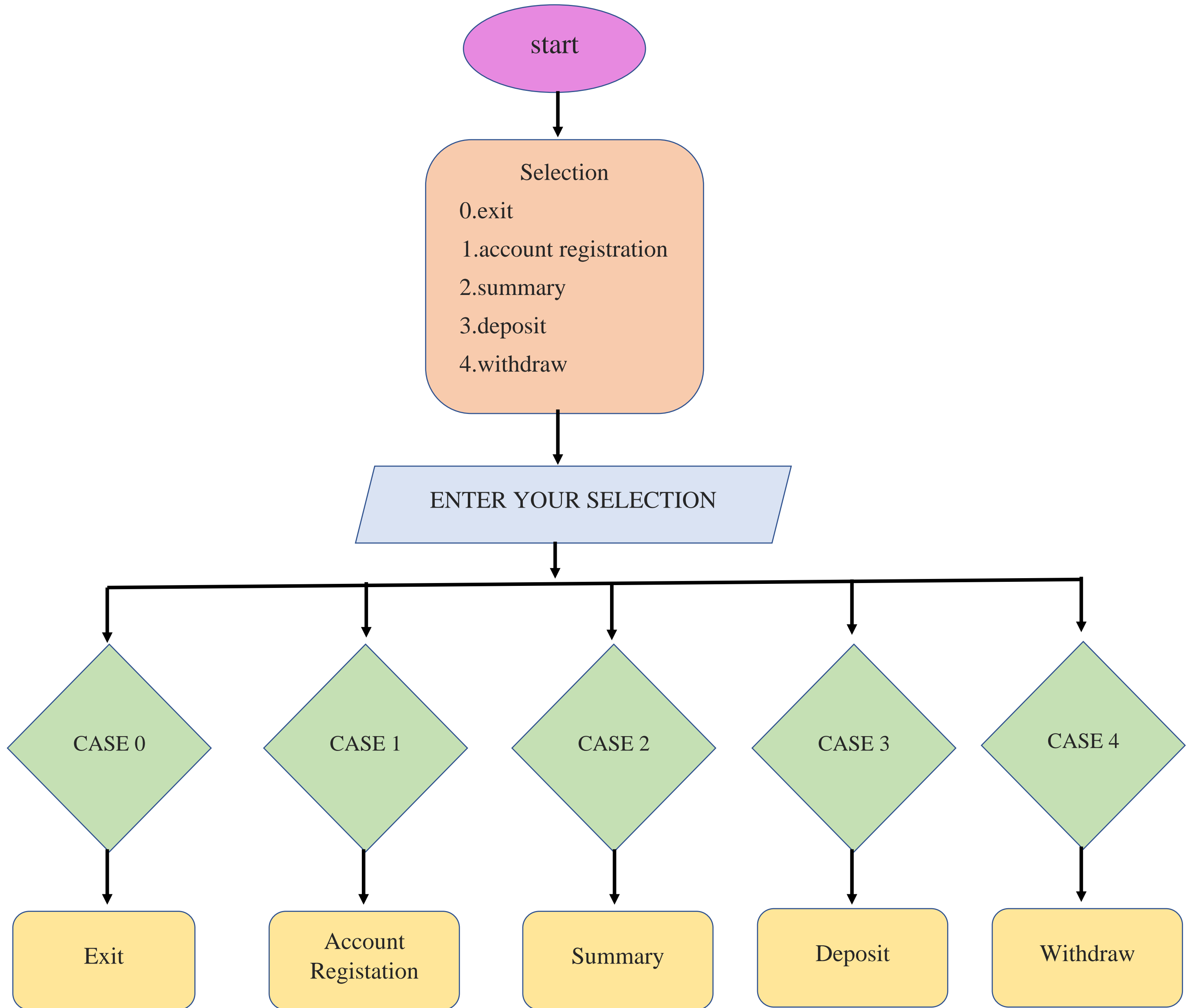
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A.PROJECT FEATURE

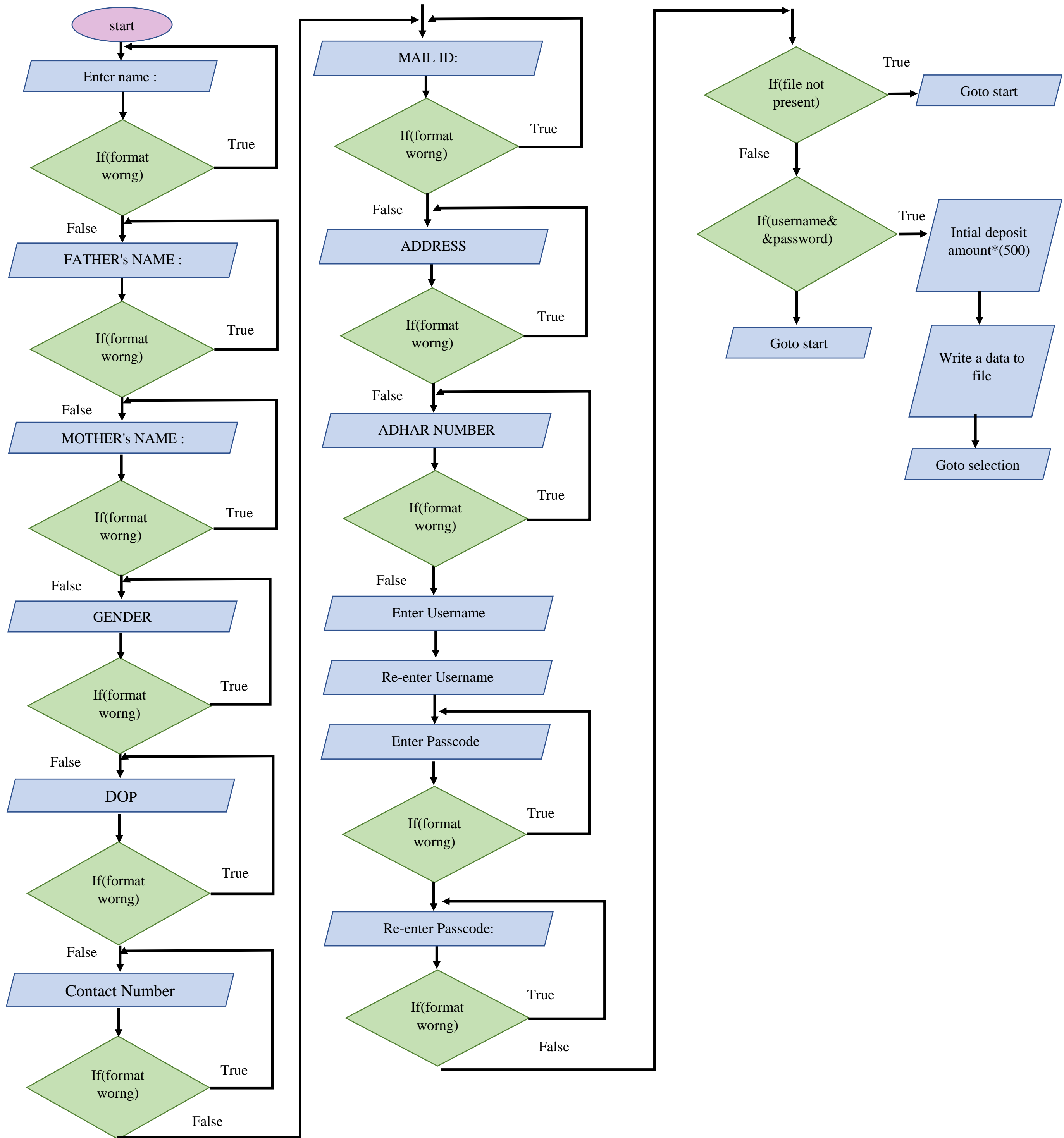
- The ATM Program in C is written in C programming language which provides an ease to read and comprehend the instructions used.
- This program for using ATM machine is built on the concept of handling an account individually.
- It can be defined as actually simple code structure of ATM transaction process to be understood by a user.
- For implementing this project, we may have to use function but in the meantime for easy coding, we may have to switch cause statement.
- From this ATM program in C, we can even use the mini-program for checking the total balance, depositing the amount, and withdrawing the amount from the account definitely since it is not time overwhelming

B.FLOW CHART

1.MAIN



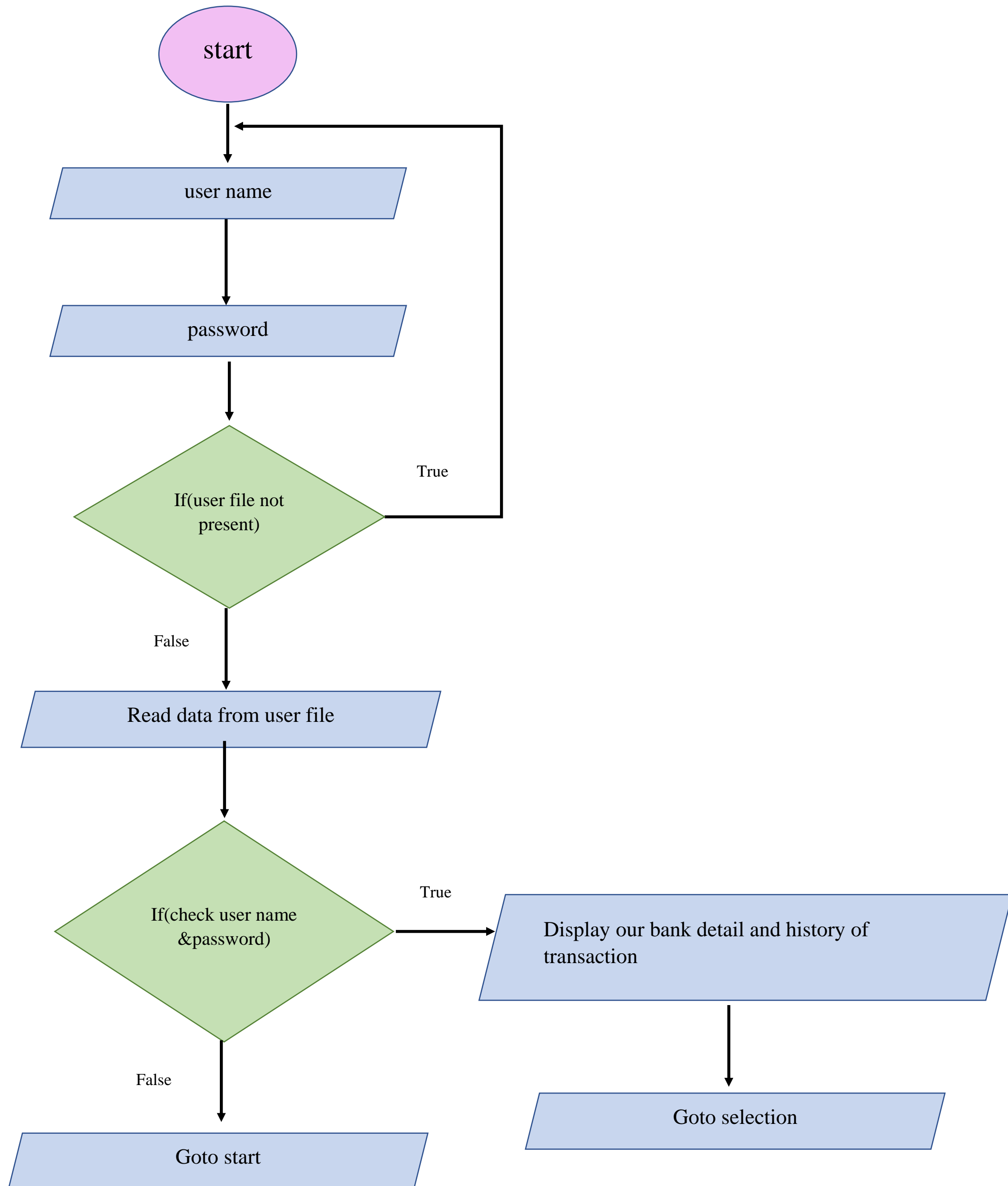
2.ACCOUNT REGISTRATION



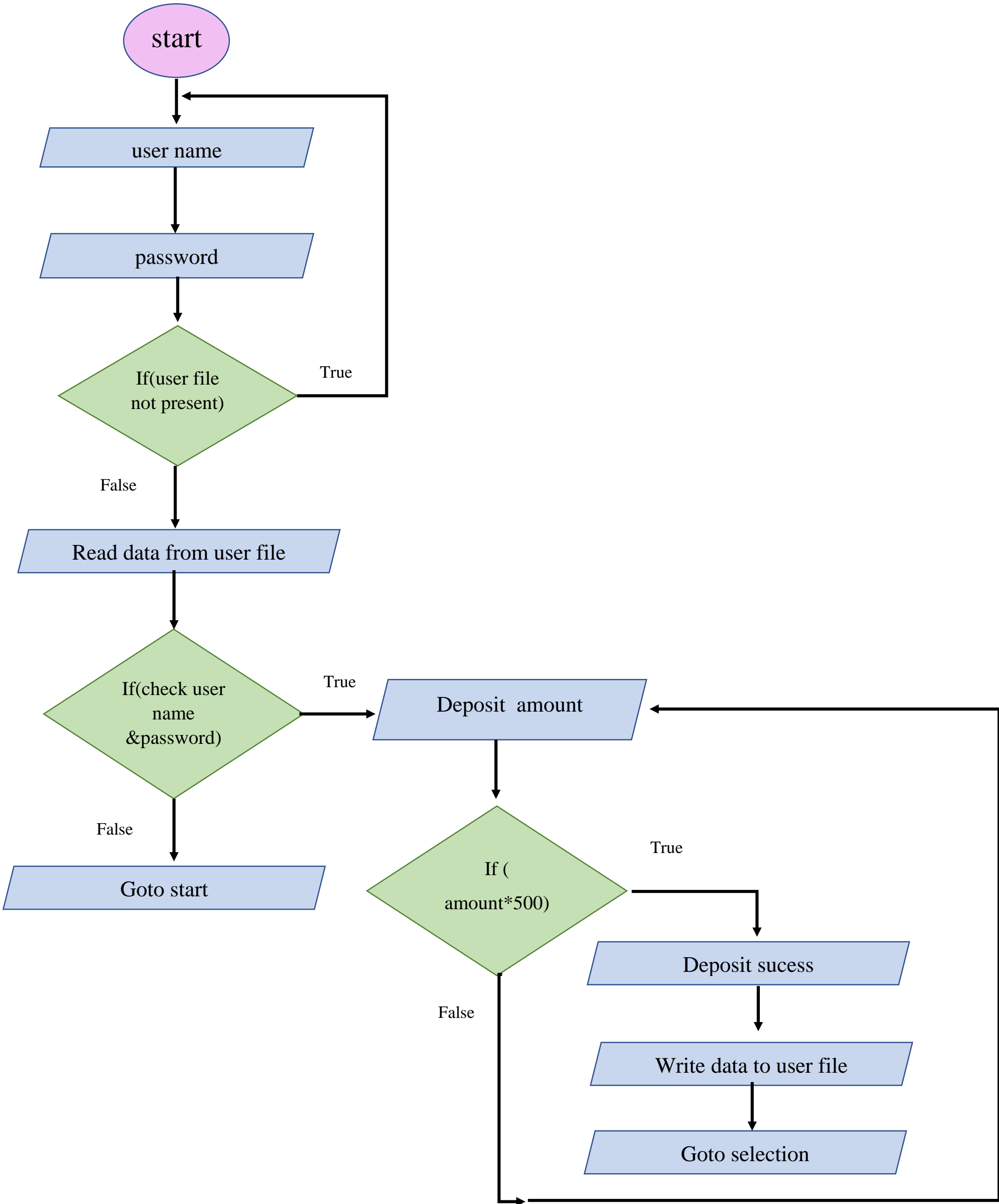
2.1 FORMATE

- NAME : Only contain alphabet and space will allowed
Ex : manfree technologies
- FATHER’S NAME : Only contain alphabet and space will allowed
Ex : manfree technologies
- MOTHER’S NAME : Only contain alphabet and space will allowed
Ex : manfree technologies
- GENDER : Only use **male** (or) **female** (or) **MALE** (or) **FEMALE**
- DATE OF BIRTH : Only **01/01/2022** (day/month/year) (or) **01 01 2202** (day month year)
- PHONE NUMBER : Only contain numbers and accept **10 digit number**
- MAIL ID : Only **gmail.com** will allowed
- PASSWORD : Need minimum 8 digit and caps letters and small letters and special Characters

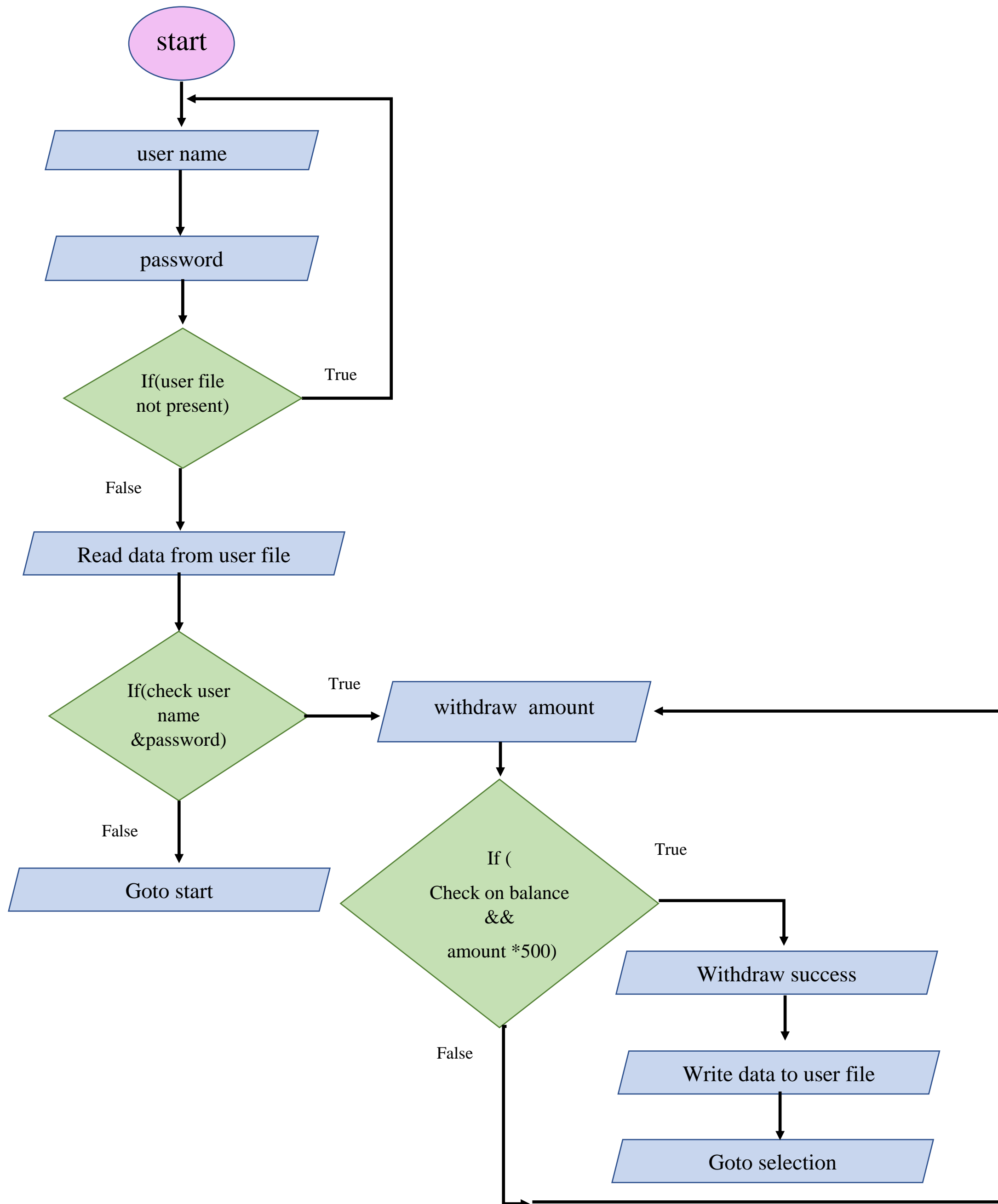
3.SUMMARY



4.DEPOSIT



5.WITHDRAW



INBUILT FUNCTIONS USED:

| S.NO | FUNCTIONS USED | DESCRIPTION |
|------|--------------------------|---|
| 1 | printf(); | To display output on the console screen |
| 2 | fprintf(); | To write a data in user file |
| 3 | scanf(); | To get the input from the user |
| 4 | fscanf(); | For get the data from user file |
| 5 | fgetc(); | For capture one character data from user file |
| 6 | getchar(); | For holding the state till any key press |
| 7 | gets(); | To get the string from the console |
| 8 | fgets(); | To get a string of data from user file |
| 9 | fopen(); | For open the user file |
| 10 | fclose(); | For closing the user file |
| 11 | strcmp(); | Use this function to comparing 2 strings True (0) false (1) |
| 12 | strup(); | For change a data to upper case |
| 13 | fflush(stdin); | For holding the process till get any input form user |
| 14 | FILE | For handaling files using pointer |
| 15 | COORD | For access the coordination of the console |
| 16 | SetConsoleCursorPosition | For set cursor position in the console |
| 17 | System(“cls”) | Clear the console screen |

INBUILD HEADER FILES

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

#include<windows.h>

Keywords

+void

+char

+int

+long

+struct

+break

+if

+else

+switch

+case

+typedef

+extern

+return

+for

+void

+default

+unsigned

+short

User define header files

| | |
|---|---|
| void data1(); | // for getting the user information |
| void write_Fdata(); | //write a data to user file |
| void read_Fdata(); | //read a data from user file |
| void space(); | //for arranging space in console |
| void gotoxy(int x,int y); | //for coordination axis is console date printing |
| int name_checker(char *ptr); | //for checking the name formate |
| int gender_check(char gender[]); | // for cheking gender formate |
| int dop_check(char dob[]); | //for checking date of birth formate |
| int phone_num(char *num); | // for checking phone number formate |
| int mail_checker(char *ptr); | //for gmail checker |
| int adhar_check(long long unsigned int num); | //for adhar verification checker |
| int check_password(char password[]); | // strong password checker |
| void fileerror(); | //file open error checking function |
| void wrong(); | //for telling wrong data |
| void exist(); | //for exit from the program |
| void multiple(); | // for multiplay the input amount |
| void username(); | //for checking the user name |
| void selection(); | //for selection the operation |

| | |
|------------------------|---|
| void newaccount(void); | //for creating the new user account |
| void summary(); | // data log and details of account |
| void deposit(); | //for deposit amount in your account |
| void withdraw(); | // for withdrawing money from your account |