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#include<iostream>
#include<istream>
#include<fstream>
#include<cstdlib>
#include<string>
using namespace std;
void login();
void registr();
void forgot();

main()
{
    int choice;

    cout<<"*****\n\n\n";
    cout<<"                               Welcome to login page\n\n";
    cout<<"*****                               MENU\n*****\n\n";
    cout<<"1.LOGIN"<<endl;
    cout<<"2.REGISTER"<<endl;
    cout<<"3.FORGOT PASSWORD (or) USERNAME"<<endl;
    cout<<"4.Exit"<<endl;
    cout<<"\nEnter your choice :";
    cin>>choice;
    cout<<endl;
    switch(choice)
    {
        case 1:
            login();
            break;
        case 2:
            registr();
            break;
        case 3:
            forgot();
            break;
        case 4:
            break;
        default:
            system("cls");
            cout<<"You've made a mistake , give it a try again\n"<<endl;
            main();
    }
}

void login()
{
    int count;
    string user,pass,n,u,e,p;
    system("cls");
    cout<<"please enter the following details"<<endl;
    cout<<"USERNAME or Email :";
    cin>>user;
    cout<<"PASSWORD :";
    cin>>pass;
}

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        ifstream input("database.txt");
        while(input>>n>>u>>e>>p)
        {
            if(u==user && p==pass || e==user && p==pass)

            {
                count=1;
                system("cls");
            }
        }
        input.close();
        if(count==1)
        {
            cout<<"\nHello"<<user<<"\nLOGIN SUCESS\nWe're glad
that you're here.\nThanks for logging in\n";
            main();
        }
        else
        {
            cout<<"\nLOGIN ERROR\nPlease check your username and
password\n";
            login();
        }
    }

    void registr()
    {

        string reguser,regpass,ru,rp,regname,regmail,regnic;
        system("cls");

        cout<<"Enter Name: "<<endl;
        cin.ignore();
        getline(cin, regname);
        cout<<"Enter the username :";
        cin>>reguser;
        cout<<"Enter Email"; cin.ignore(); getline(cin,regmail);
        cout<<"\nEnter the password :";
        cin>>regpass;

        ofstream reg("database.txt",ios::app);

        reg<<regname<<endl<<reguser<<endl<<regmail<<endl<<regpass<<endl;
        system("cls");
        cout<<"\nRegistration Sucessful\n";
        main();

    }

    void forgot()
    {

    }
}

```