

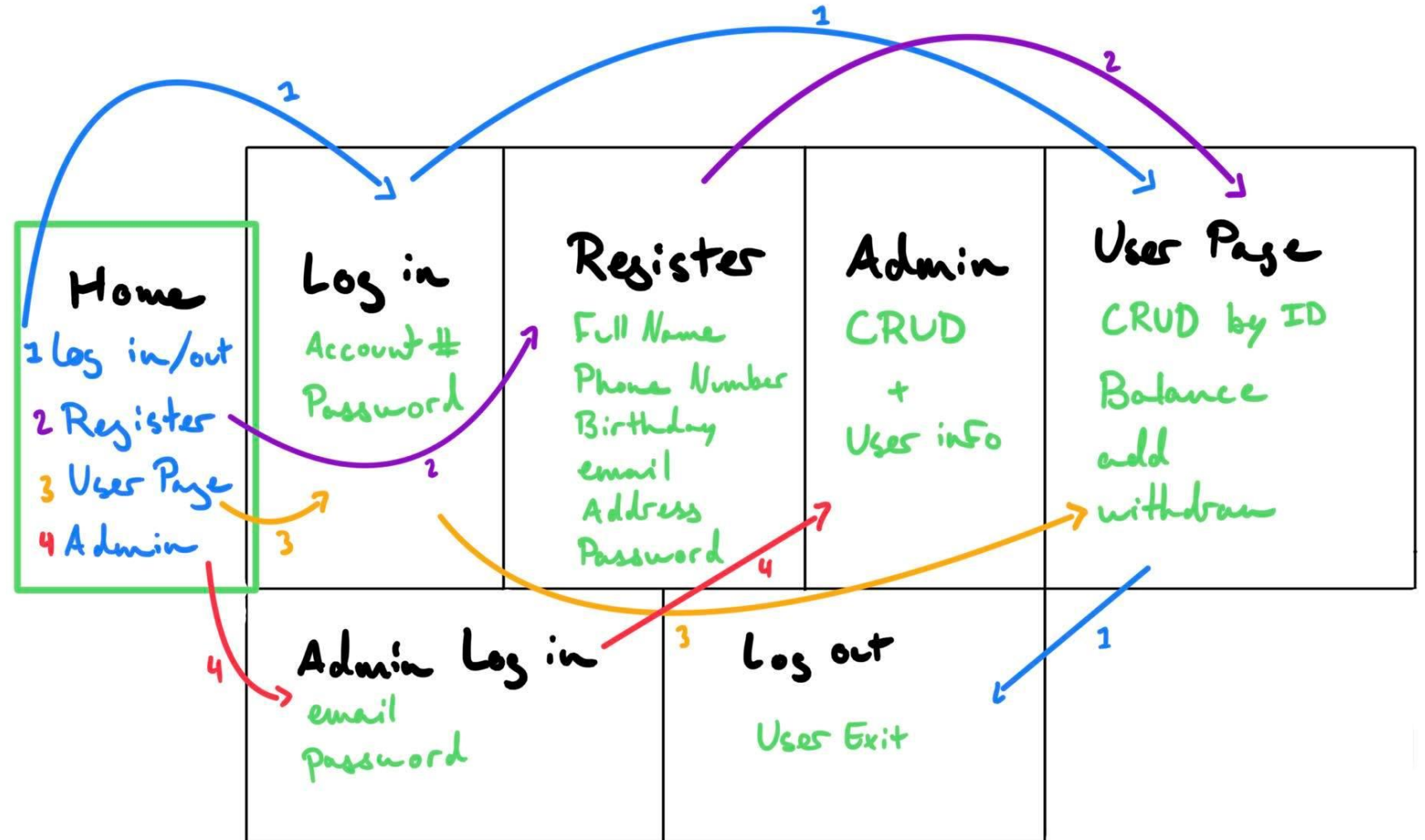


# Welcome to SUNNY BANK

Est. 2022

Board of Directors: Matthew Rao,  
Vladislav Epelboym, Edgar Townsend,  
Mitchell Fridman

- Project Proposal



# Home Screen



[Home](#) [Login](#) [Register](#)

## Sign Up

Enjoy painless online banking by signing up with us.

[Register Now](#)

## Welcome Back

Already with us? Manage your account here.

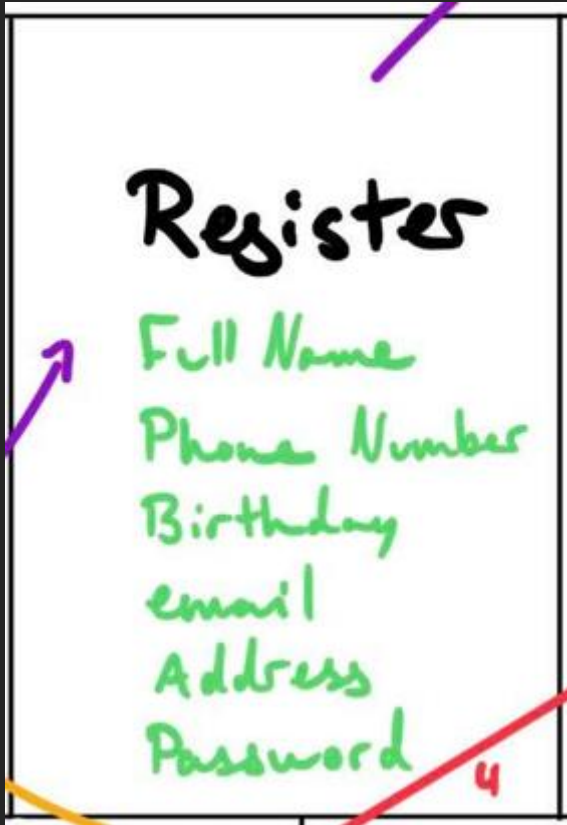
[Log in](#)

## Administrator

Part of the team? Sign in here.

[Here](#)

# Register



A hand-drawn sketch of a registration form on a notepad. The word "Register" is written in large, bold, black letters at the top. Below it, the following fields are listed in green: "Full Name", "Phone Number", "Birthday", "email", "Address", and "Password". A purple arrow points from the left margin to the "Full Name" field. A red diagonal line is drawn across the bottom right corner, with a small red number "4" written below it. The notepad has a purple tab at the top and a yellow tab at the bottom left.

[Home](#) [Login](#) [Register](#)

## Register Now

Full Name

Email

Password

Phone Number

Date of Birth

Address

Register

# Login



## Please sign in

# Validation

[Home](#) [Login](#) [Register](#)

## Register Now

Full Name

size must be between 2 and 50

Email

bad email



Please include an '@' in the email address. 'bad email' is missing an '@'.

Password

must be min 6 characters

Phone Number

450 222 2222

must be 10 digit number

Date of Birth

dd/mm/yyyy

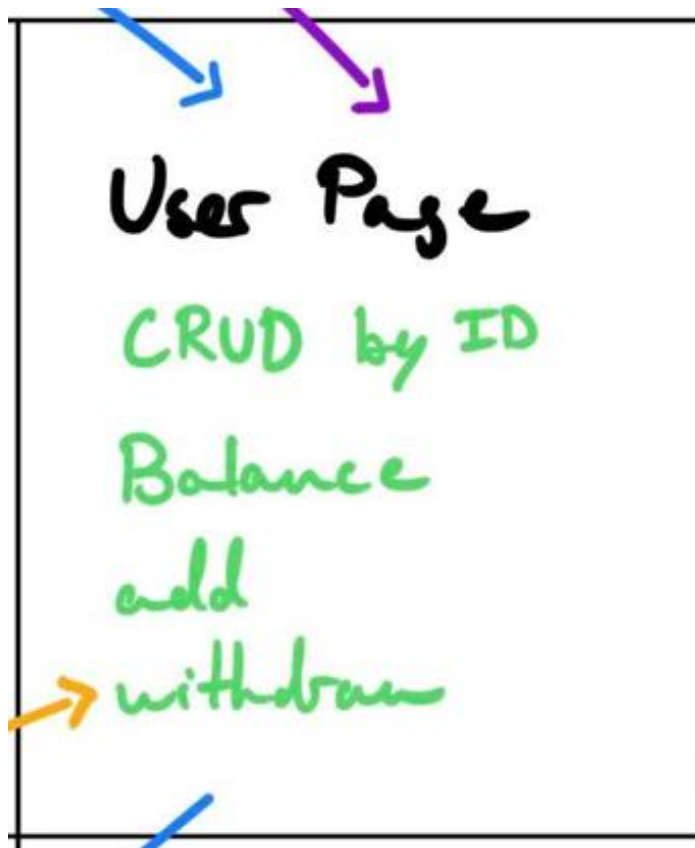


must not be null

Address

1234 Main St

Register



Logged client: Peppa Pig

Update your profile

Account activity

Welcome Admin Page

Sign Out

[Home](#) [Login](#) [Register](#)

## My Account

Account number

2

Client number

2

Type

Sunny Saver++

Balance

700.0

0

withdraw

0

add

Update

Sign Out

Admin

# User Page

# Admin Page



Logged admin: **Peppa Pig**

List of Clients

List of Accounts

Sign Out



# Admin Page II

Logged admin: **Peppa Pig**

Welcome Admin Page

Sign Out

## List of Accounts

Account number	Client number	Type	Balance	Action
1	1	Sunny Saver++	100.0	<a href="#">Edit</a>
2	2	Sunny Saver++	700.0	<a href="#">Edit</a>

Logged admin: **Peppa Pig**

Welcome Admin Page

Sign Out

## List of Clients

[Create New Client](#)

Client ID	Full Name	Email	Phone Number	Date of Birth	Address	Action
1	Mitchell Mitchell	mitchell@email.com	1234567890	1912-01-12 00:12:00.0	742 Evergreen Terrace	<a href="#">Edit</a> <a href="#">Delete</a>
2	Peppa Pig	peppa@pig.oink	9876543210	1911-01-11 00:11:00.0	123 Farm Street	<a href="#">Edit</a> <a href="#">Delete</a>

# Tables with triggers

- 3 tables;
  - Admin
  - Client
    - 2 triggers for insert and delete
  - Account

admin	
id	INT
email	VARCHAR(50)
name	VARCHAR(50)
password	VARCHAR(250)
Indexes	

client	
id	INT
address	VARCHAR(50)
cellphone	VARCHAR(255)
dob	DATETIME(6)
email	VARCHAR(50)
name	VARCHAR(50)
password	VARCHAR(250)
Indexes	
Triggers	
AFT INSERT CreateAccount	
AFT DELETE DeleteAccount	

account	
id	INT
balance	DOUBLE
client_id	INT
type	VARCHAR(50)
Indexes	

# MySQL script

```
1  -- THIS SCRIPT IS FOR SUNNY BANK PROJECT
2 • create database sunnybank;
3 • use sunnybank;
4
5 • drop table if exists client;
6 • drop table if exists account;
7
8  -- STOP HERE and RUN APPLICATION IN SPRING BOOT
9
10 • drop trigger if exists CreateAccount;
11
12  delimiter #
13 • create trigger CreateAccount after insert on client
14     for each row
15     begin
16         insert into account(id, balance, client_id, type) values (new.id, 0, new.id, 'check-in');
17     end#
18
19  drop trigger if exists DeleteAccount;
20
21  delimiter #
22 • CREATE TRIGGER DeleteAccount AFTER DELETE on client
23     FOR EACH ROW
24     BEGIN
25         DELETE FROM account
26             WHERE account.id = old.id;
27     END#
```



LIVE DEMO