An introduction to my designs

These designs will hopefully be an insight into how I want my designs to look when I create them in my guizero application. The following list identifies my back end needs and front end needs.

Front end needs

- Guizero and Python

Back end needs

- Python
- SQL (DDL + DML)
- SQLite3

Packages

- Python
- Matplotlib
- SQLite
- Pandas
- Gtts

Log In

Username:

Password:

Log In

No account? Sign up free!

By logging in with ToKa Fitness, you agree to our terms and conditions which can be made available on request.

Sign Up

Username:

First name:

Surname:

Password:

Confirm password:

DoB:

Email:

Create account and log in

Go Back

By signing up for an account with ToKa Fitness, you agree to our terms and conditions which can be made available on request.

Secure Bank Details for Premium

We are glad you want to go premium, feel free to use our secure bank details form here.

Cardholder name:

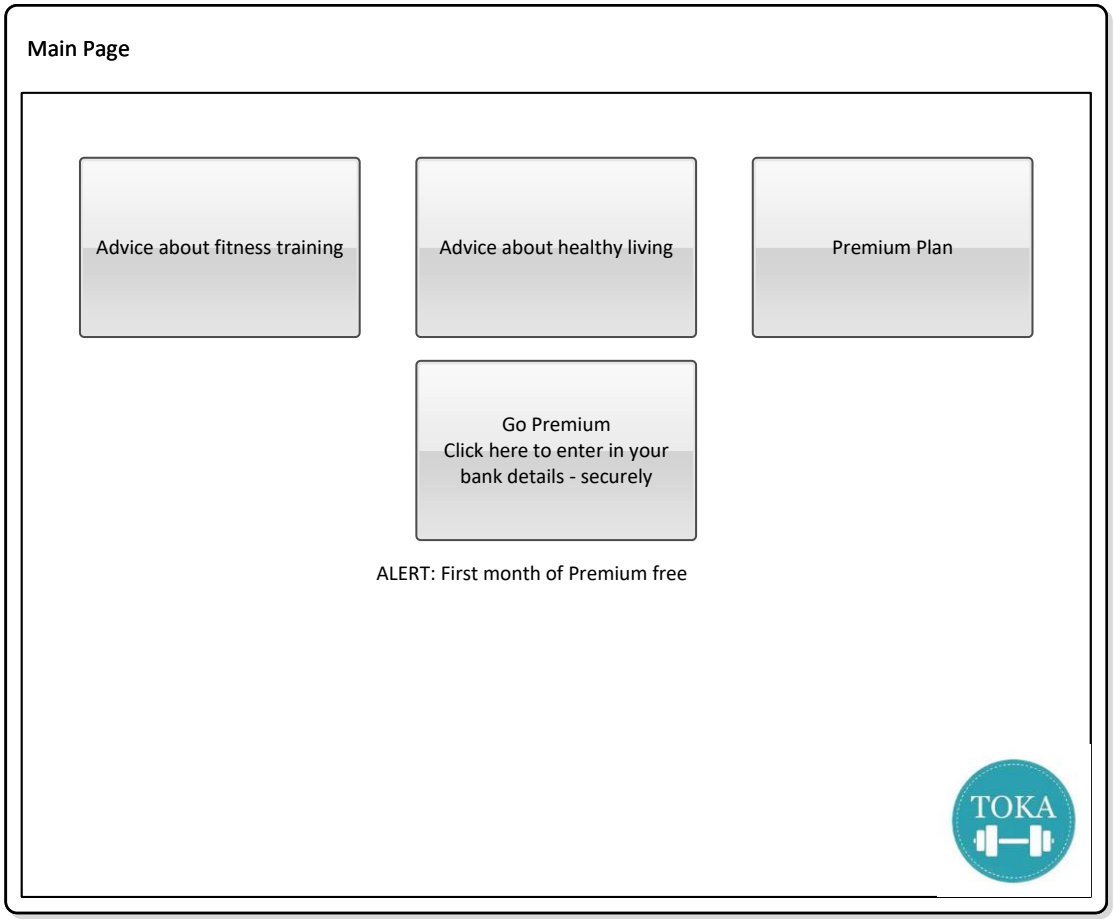
Card number:

Expiry date:

CVC code:

Sign up for premium

Go Back


Main Page
Advice about fitness training
Advice about healthy living
Premium Plan
Go Premium
Click here to enter in your bank details - securely
ALERT: First month of Premium free
TOKA

Healthy Living

Eat 5-a-day

Drink plenty of water

Go Back

Fitness Advice

Run at least once a day

Keep healthy

Go Back

Premium Content

Welcome (name) – please complete the following so we can help tailor a fitness plan for you.

List
Weight
Height
Age
Smoker?

- Weight: 10-25kg / 25-50kg / 50kg+
- Height: 1-1.5m / 1.5-2m / 2m+
- Age: Under 18 / 18-30 / 30+
- Smoker?: Yes / No

See your plan

Young People's Healthy Living

Eat 5-a-day

Drink plenty of water

Go Back

Next

Young People's Fitness Advice

Run at least once a day

Keep healthy

Go Back

Losing Weight

Avoid eating fatty foods

Eat protein

Go Back

Bulking Up Fitness

Eat carbs after workout

Eat healthy fats

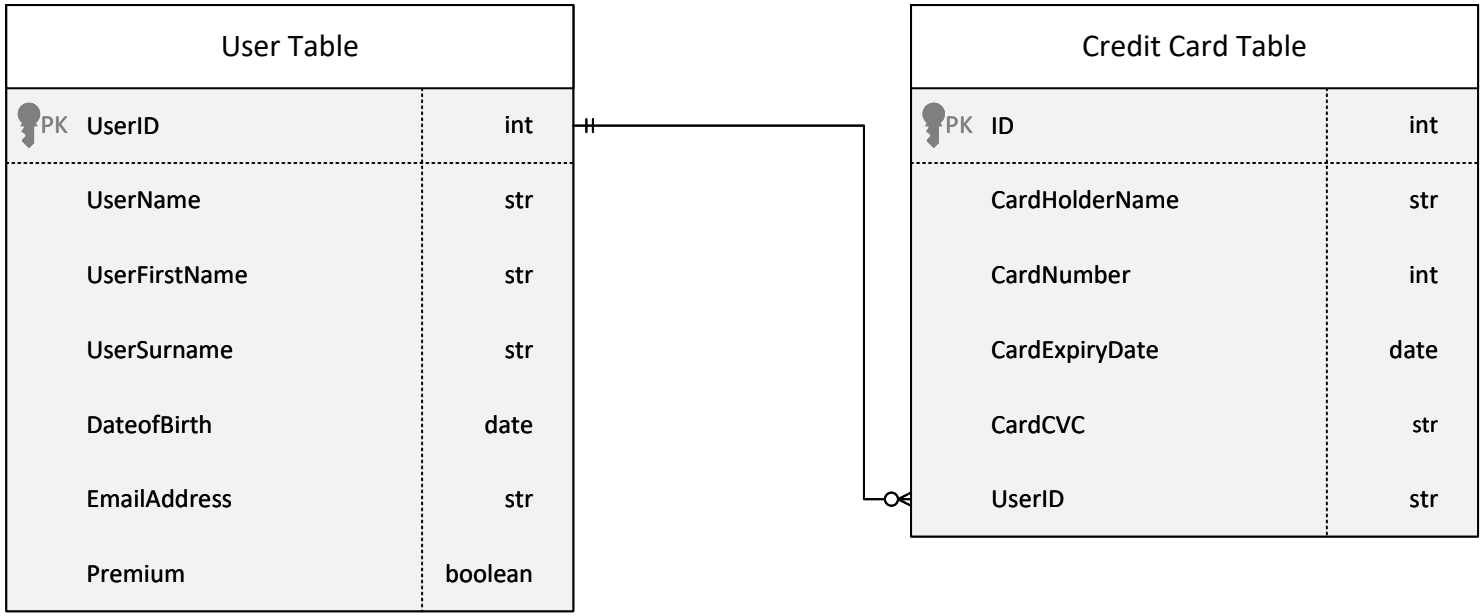
Go Back

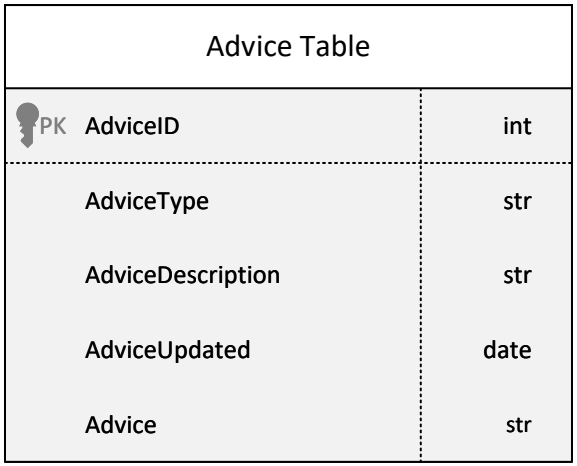
Advice About Stopping Smoking

Don't use nicotine

It'll make you healthier

Go Back


User Table
PK UserID int
UserName str
UserFirstName str
UserSurname str
DateofBirth date
EmailAddress str
Premium boolean
Credit Card Table
PK ID int
CardHolderName str
CardNumber int
CardExpiryDate date
CardCVC str
UserID str


Advice Table
PK AdviceID int
AdviceType str
AdviceDescription str
AdviceUpdated date
Advice str

User Table

Field Name	Description	Data Type	Validation	Sample Data
UserID **(PRIMARY KEY)**	User's unique identifier	Integer	Allocated by the database	1
UserName	User's username	String	Presence check	joehpr
UserFirstName	User's first name	String	Presence check	Joe
UserSurname	User's surname	String	Presence check	Harper
DateofBirth	User's date of birth	Date	Presence check, format check	01/11/03
EmailAddress	User's email address	String	Presence check, format check	jh070405@student.hsdc.ac.uk
Premium	Whether user is premium or not	Boolean	Presence check	Yes

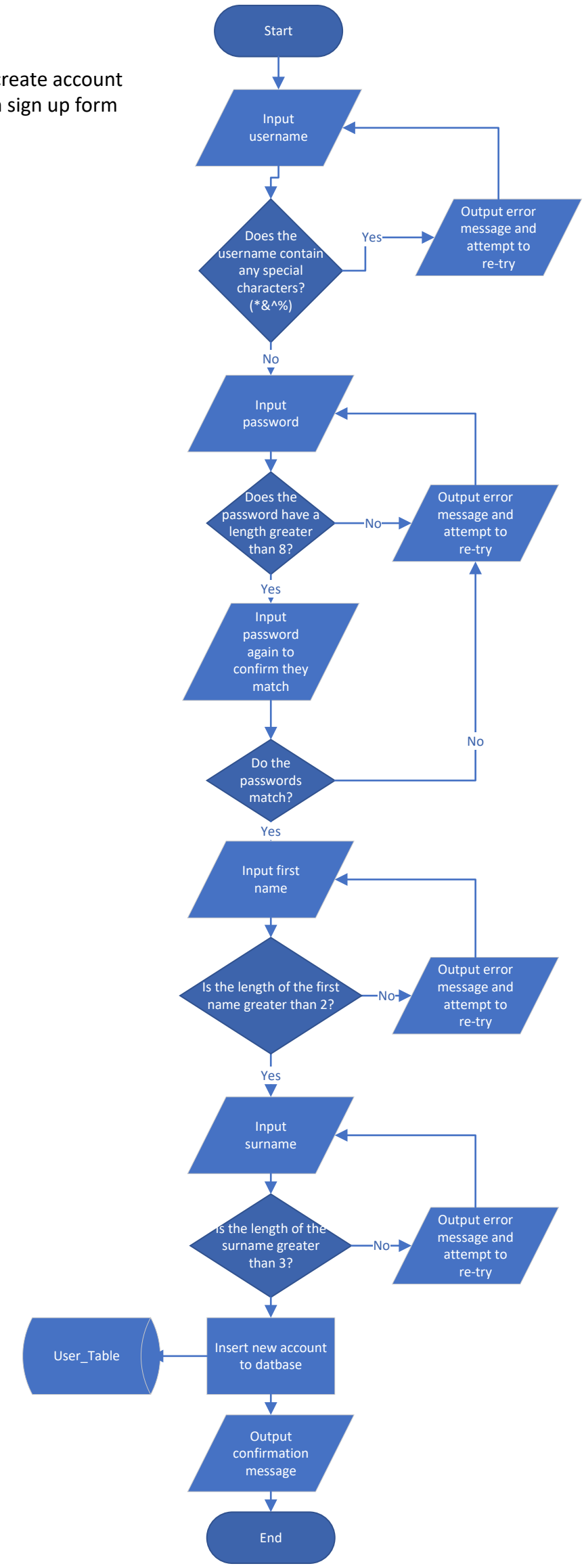
Credit Card Table

Field Name	Description	Data Type	Validation	Sample Data
ID **(PRIMARY KEY)**	User's unique identifier	Integer	Allocated by the database	1
CardHolderName	Cardholder's name	String	Presence check	Joe Harper
CardNumber	Cardholder's card number	Integer	Presence check, length check	1234 5678 9012 3456
CardExpiryDate	Cardholder's expiry date	Date	Presence check, format check	02/22
CardCVC	Cardholder's CVC code	String	Presence check	363
UserID *(FOREIGN KEY)*	User's unique identifier	Integer	Allocated by the database	1

Advice Table

Field Name	Description	Data Type	Validation	Sample Data
AdviceID **(PRIMARY KEY)**	Advice ID for the user	Integer	Allocated by the database	1
AdviceType	Type of advice	String	Presence check	Smoking
AdviceDescription	Description of advice	String	Presence check	"We recommend stopping smoking"
AdviceUpdated	When advice was updated	Date	Format check	02/02/20
Advice	A block of text with future advice	String	Presence check	"We recommend e-cigs"

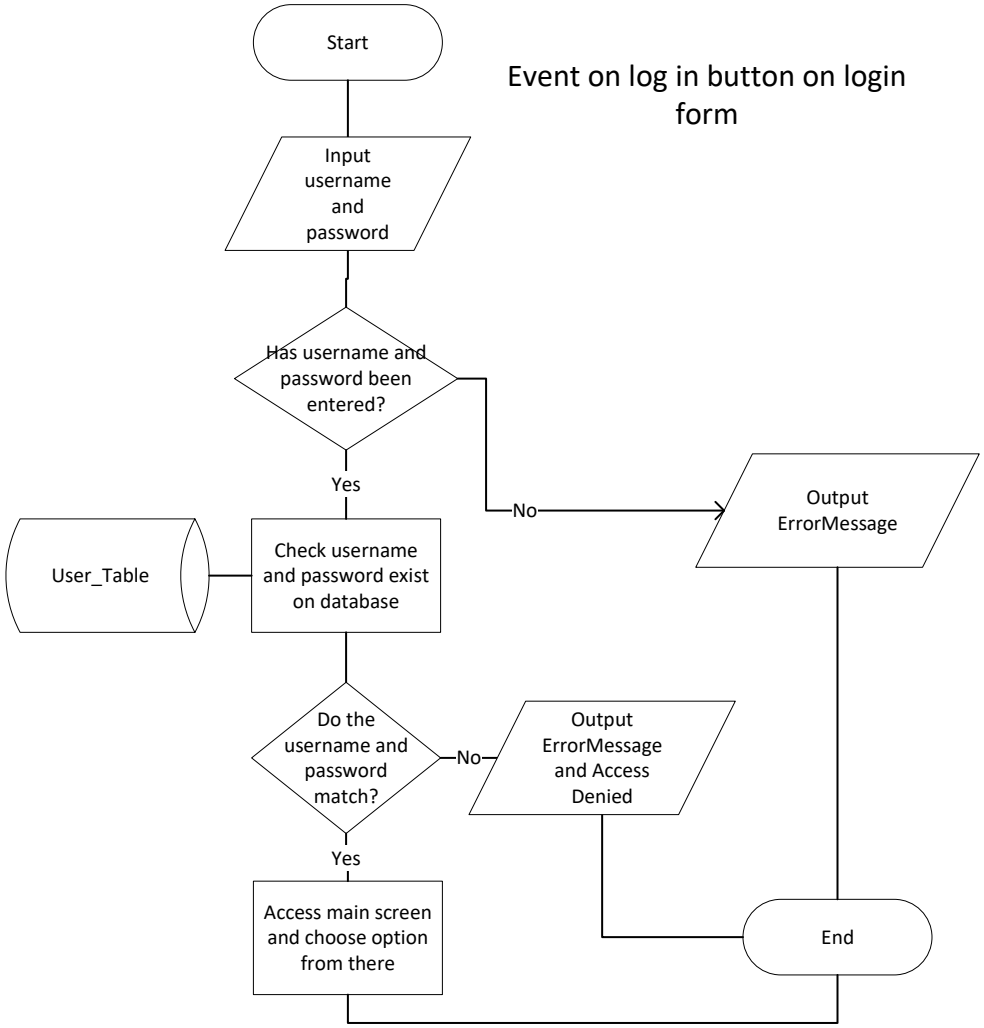
Event on create account button on sign up form



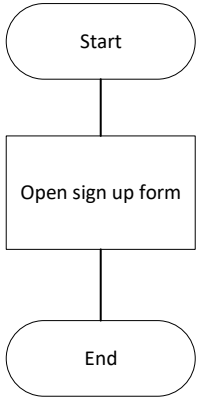
Event on go back button on sign up form

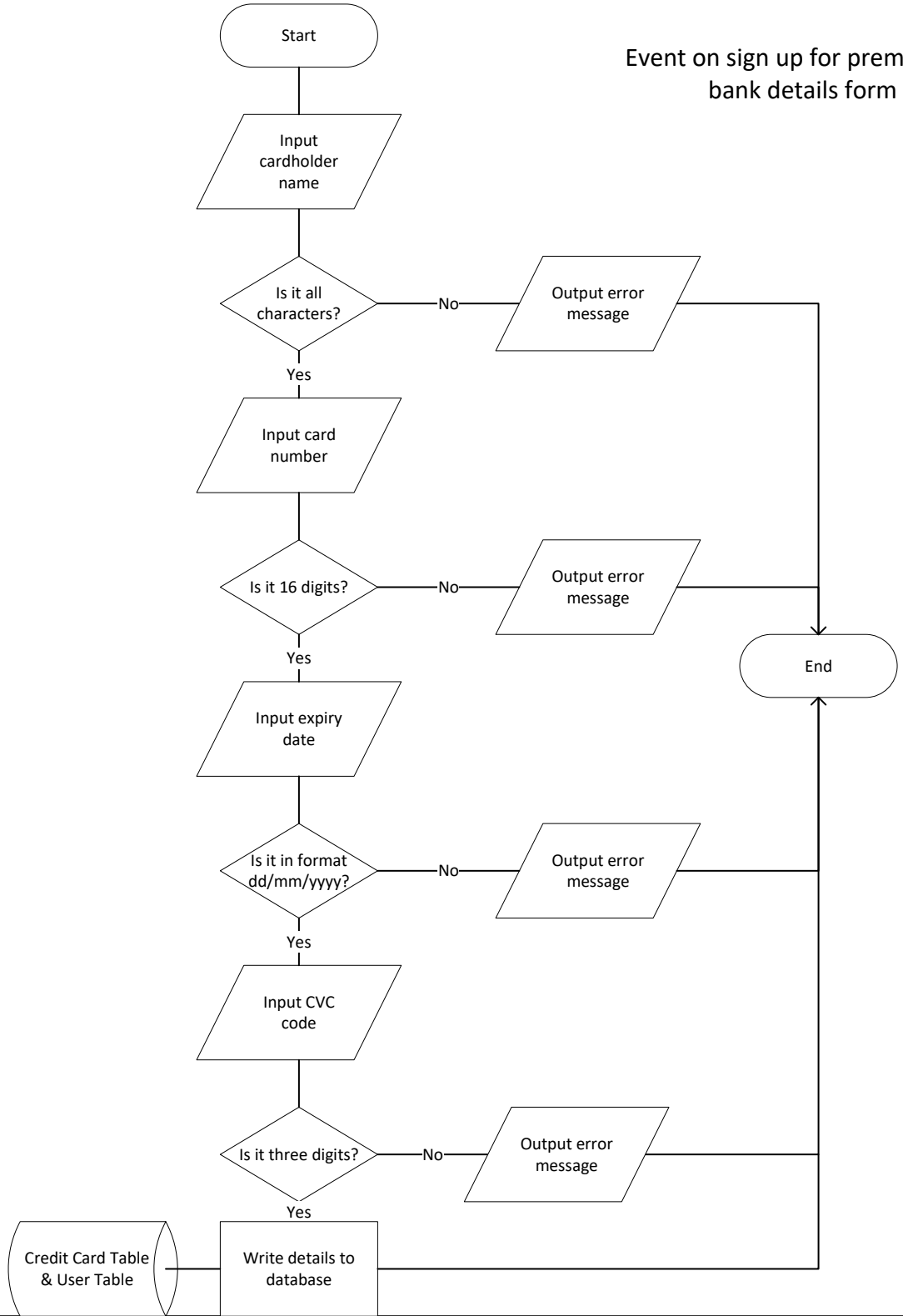
No

Event on log in button on login form

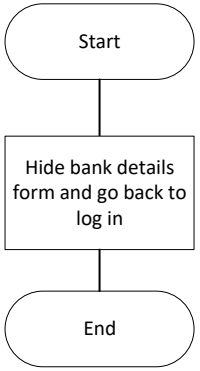


Event on no account button on login form

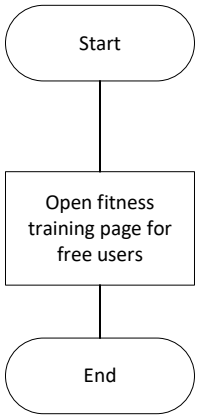




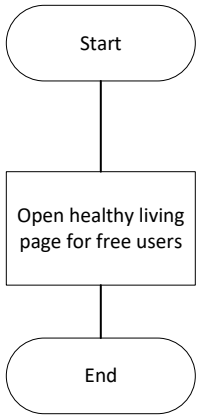
Event on sign up for premium on bank details form



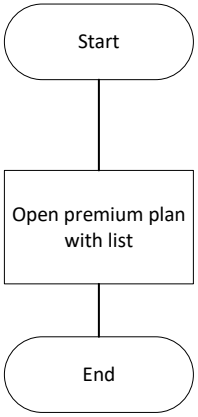
Event on go back on bank details form



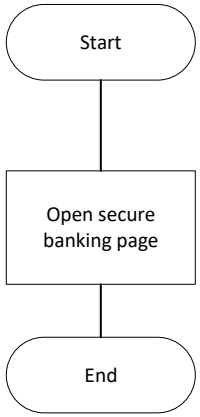
Event on advice about fitness training button on main page



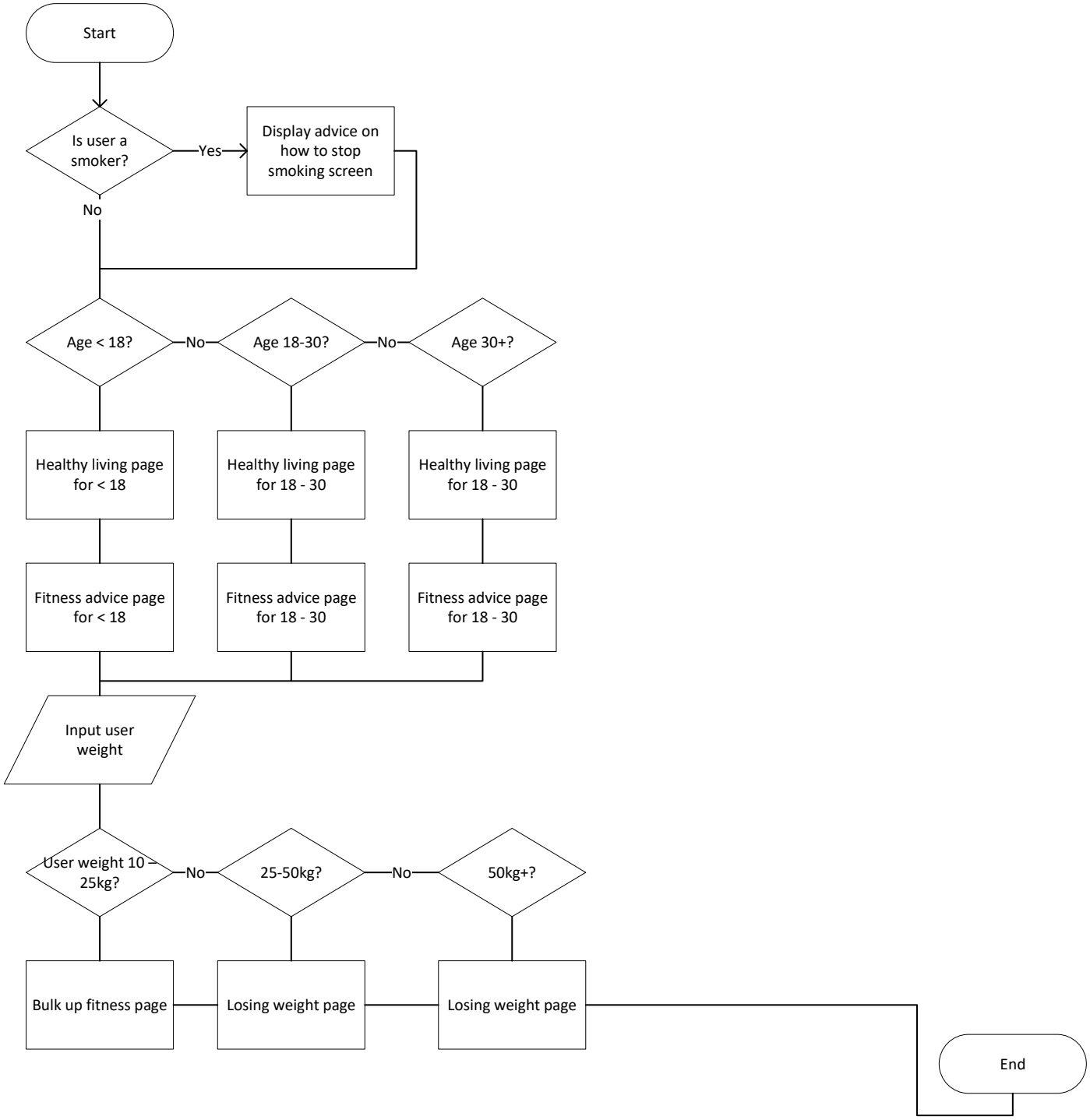
Event on advice about healthy living button on main page



Event on Premium Plan button on main page



Event on Go premium button on main page


Start
Is user a smoker?
Yes
Display advice on how to stop smoking screen
No
Age < 18?
No
Age 18-30?
No
Age 30+?
Healthy living page for < 18
Healthy living page for 18 - 30
Healthy living page for 18 - 30
Fitness advice page for < 18
Fitness advice page for 18 - 30
Fitness advice page for 18 - 30
Input user weight
User weight 10 – 25kg?
No
25-50kg?
No
50kg+?
Bulk up fitness page
Losing weight page
Losing weight page
End