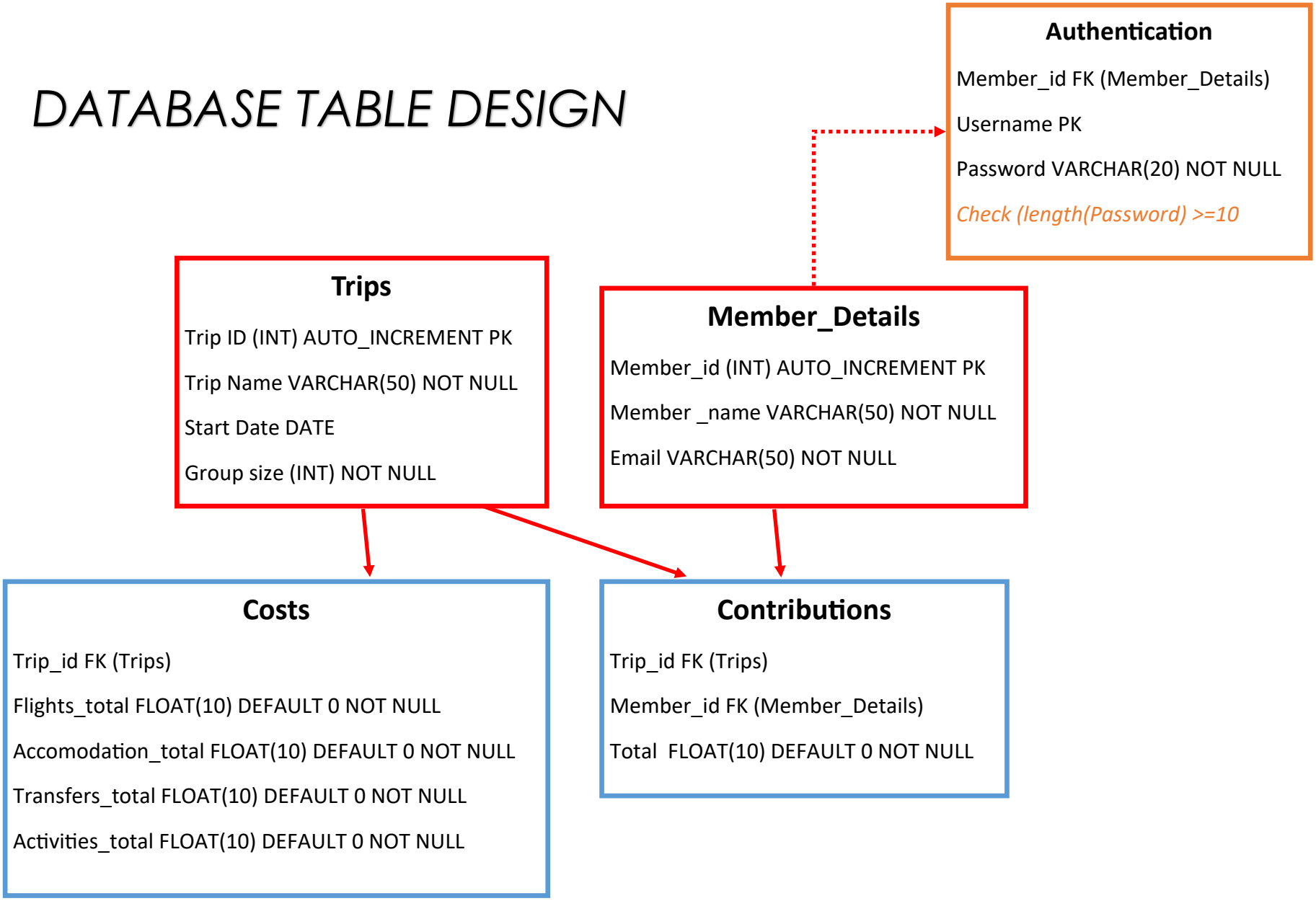
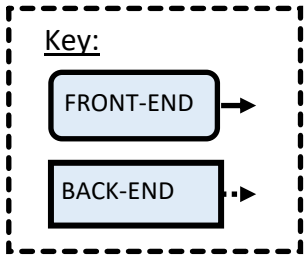
DATABASE TABLE DESIGN



WEBSITE LAYOUT DESIGN (1)



HOMEPAGE

- About information.
- **Link** to create account.
- **Link** to Login.

Create Account

- Link to **login** (already have an account?)
- Return to **Homepage**.
- Proceed with inputs…

Login

- Link to **create account**.
- Return to **Homepage**.
- Check Login Details are correct…

Inputs to insert into SQL (Create Account)

INSERT AUTHENTIFICATION

Username (Authentication)

Password (Authentication)

INSERT MEMBER DETAILS

Name (Member Details)

Email (Member Details)

— Submit, move on to **Login**

Error Handling (Create Account)

Does 'username' exist already?

Do inputs comply with constraints?

Database input checks (Login)

Username (Authentication)

Password (Authentication)

— Move to **Dashboard.**

Error Handling (Login)

Does 'username' exist?

Is 'password' a match? (forgotten passwords?)

Dashboard

(Continued on next PDF)

Example 1: www.budgetbuddy.com/home/create_account/

Example 2: www.budgetbuddy.com/home/login

Example 3: www.budgetbuddy.com/<user>/dashboard

WEBSITE LAYOUT DESIGN (2)

DASHBOARD

- Log out (Return to **Homepage**).
- Overview of trips (can be clicked into).
- Imbed link to each **'trip_name'**
- Option to **add new trip**.

Database Queries (Dashboard)

'Trip_name' / 'member_id' (Trip/member_details join)

'Start_date' (Trips)

(repeat per trip attached to member_id)

Submit — Move to '**Trip Name**'

'Trip_Name'

(Continued on next PDF)

Add New Trip

- Option to return to **Dashboard.**
- Proceed with inputs...

Inputs to insert to SQL (Add New Trip)

INSERT TRIPS

Trip name* (Trips)

Start Date* (Trips)

Group Size* (Trips)

INSERT COSTS

Flights Total (Costs)

Accommodation Total (Costs)

Transfers Total (Costs)

Activities Total (Costs)

Miscellaneous Total (Costs)

INSERT CONTRIBUTIONS

Total Contributions (Contributions default 0)

Submit — Move to **Dashboard**

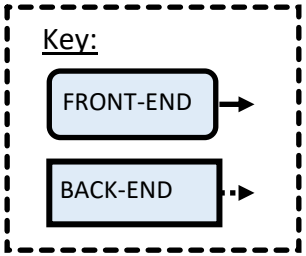
Error Handling (Add New Trip)

Ensure all the values are inputted within their correct constraints (Value errors etc).

Behind the scenes (Add New Trip)

Ensure the Trips table has values inserted first, then take foreign key trip_id to add to the insert of the costs. Same for Contributions table (no user input though)).

Key:

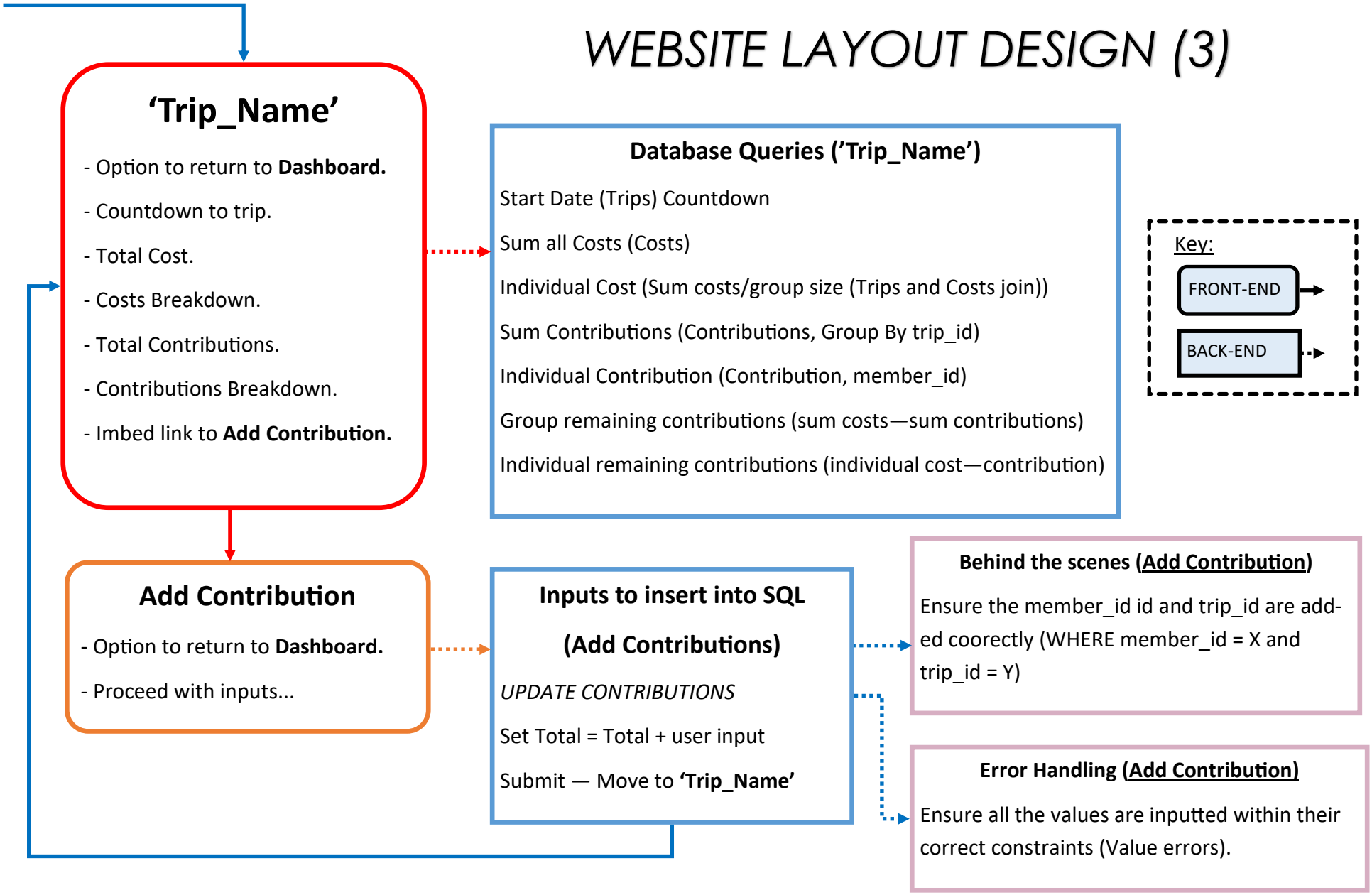


Example 1: www.budgetbuddy.com/<user>/dashboard

Example 2: www.budgetbuddy.com/<user>/dashboard/<trip_name>

Example 3: www.budgetbuddy.com/<user>/dashboard/<add_new_trip>

WEBSITE LAYOUT DESIGN (3)



Example 1: www.budgetbuddy.com/<user>/dashboard /<trip_name>

Example 2: www.budgetbuddy.com/<user>/dashboard/<trip_name>/add_contribution