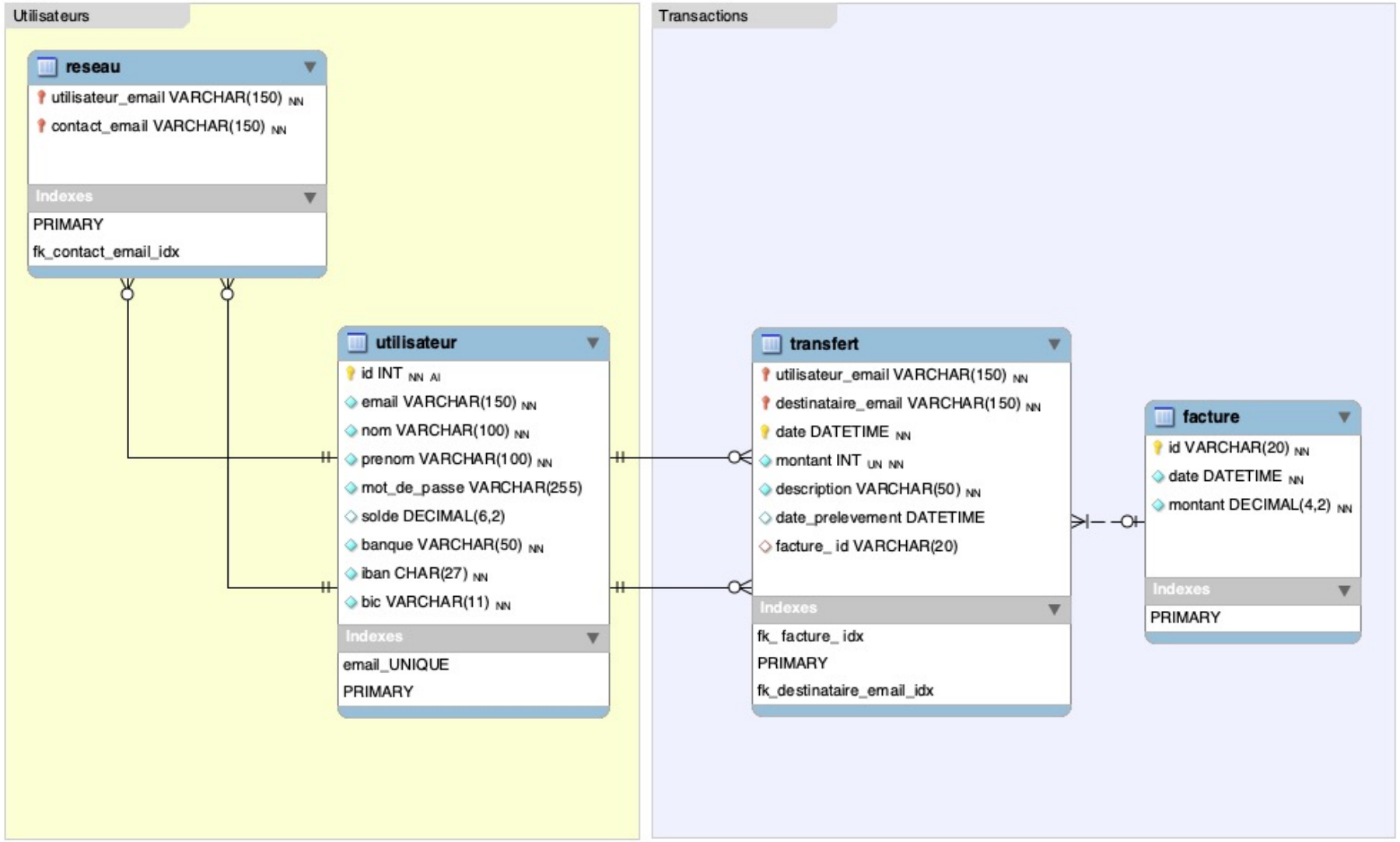
Pay my buddy

Projet 6

MPD


Utilisateurs
reseau
utilisateur_email VARCHAR(150) NN
contact_email VARCHAR(150) NN
Indexes
PRIMARY
fk_contact_email_idx
utilisateur
id INT NN AI
email VARCHAR(150) NN
nom VARCHAR(100) NN
prenom VARCHAR(100) NN
mot_de_passe VARCHAR(255)
solde DECIMAL(6,2)
banque VARCHAR(50) NN
iban CHAR(27) NN
bic VARCHAR(11) NN
Indexes
email_UNIQUE
PRIMARY
Transactions
transfert
utilisateur_email VARCHAR(150) NN
destinataire_email VARCHAR(150) NN
date DATETIME NN
montant INT UN NN
description VARCHAR(50) NN
date_prelevement DATETIME
facture_ id VARCHAR(20)
Indexes
fk_ facture_ idx
PRIMARY
fk_destinataire_email_idx
facture
id VARCHAR(20) NN
date DATETIME NN
montant DECIMAL(4,2) NN
Indexes
PRIMARY

Login

(First page)

POST /api/auth/login

{

email,

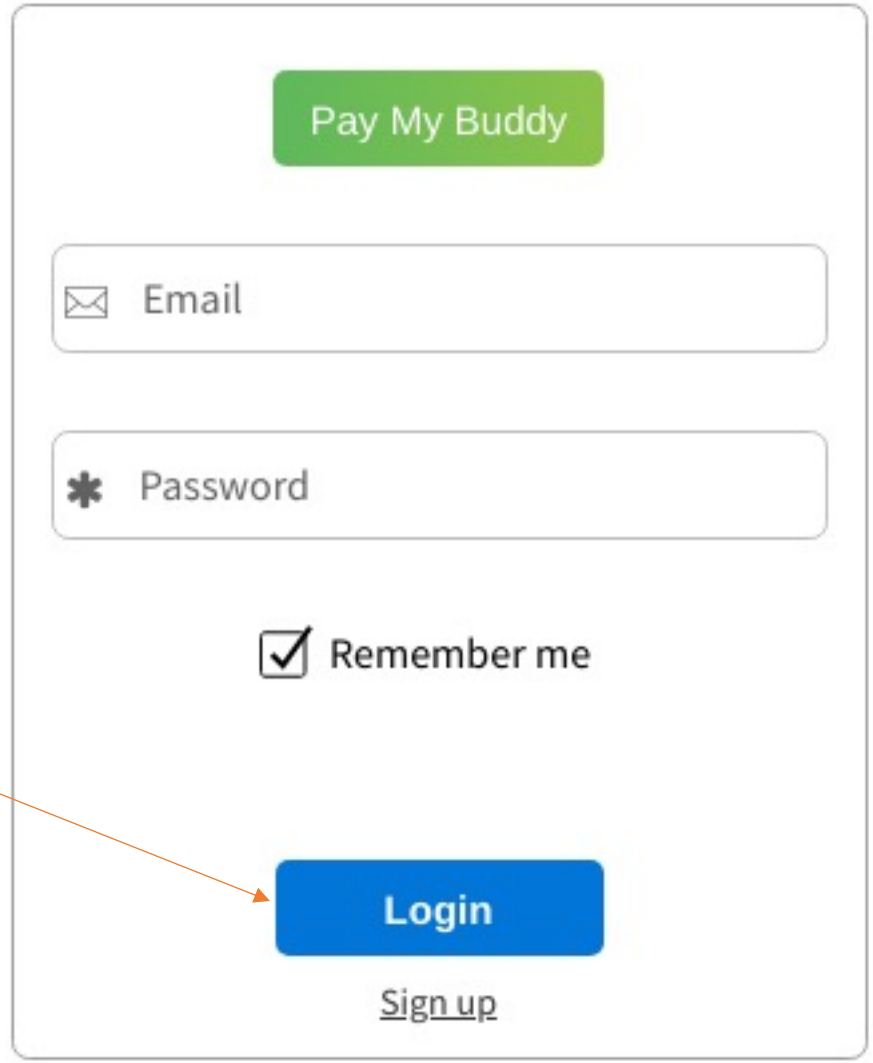
password

};

Statut 200 : OK -> Génération token -> Page “Home”

Statut 401 : Unauthorized

Statut 5xx : Internal Server Error



Sign up

POST /api/auth/signup

{

firstName,

lastName,

email,

password,

confirmPassword,

BankAccount : { bank, iban, bic }

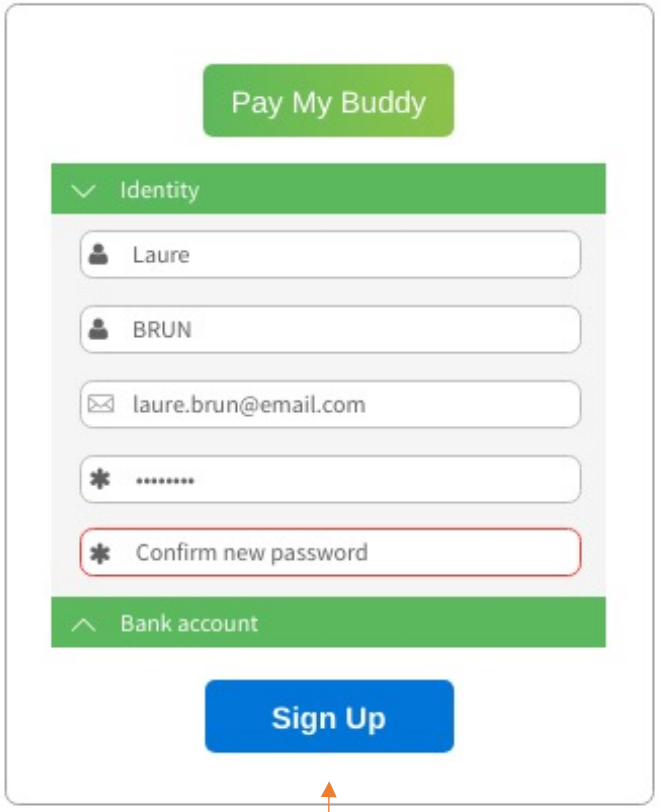
} ;

Statut 201 : Created -> Page “Home”

Statut 400 : Bad Request

Statut 409 : Conflict (“User already in database”)

Statut 5xx : Internal Server Error



Home

GET /api/user/{email}

Statut 200 : OK -> { User : email, firstName, lastName, balance, bankAccount : {bank, iban, bic} };

Statut 400 : Bad Request

Statut 404 : Not Found (“User not found”)

Statut 5xx : Internal Server Error

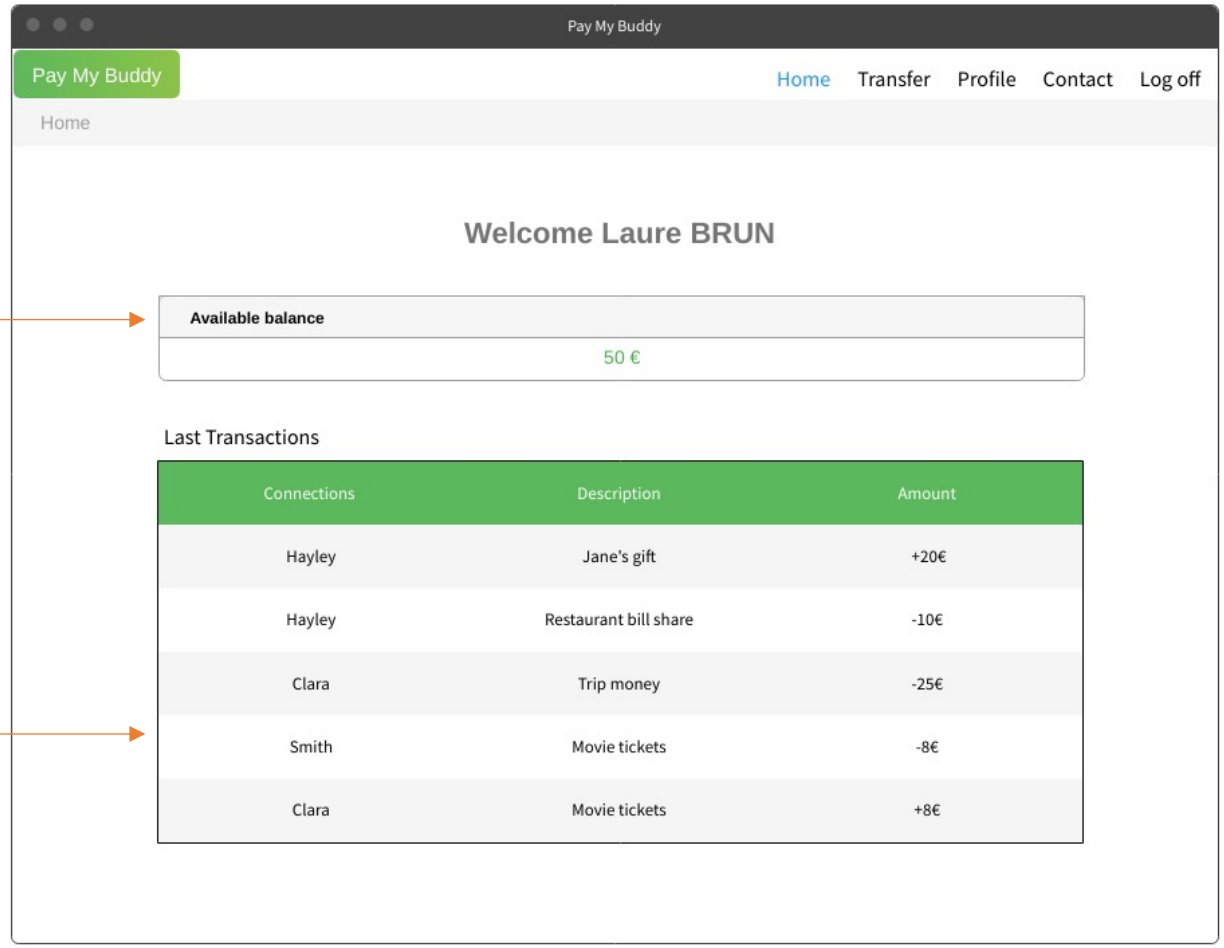
GET /api/transaction/{email}

Statut 200 : OK -> { [Transaction_1 : { connectionEmail, connectionName, description, type, amount, date },
Transaction_2,
Transaction_3]
} ;

Statut 400 : Bad Request

Statut 404 : Not Found ("User not found")

Statut 5xx : Internal Server Error



Transfer

GET /api/connection/{email}

Statut 200 : OK -> { [Connection_1 : { userEmail, connectionEmail, name }, Connection_2, …] } ;

Statut 400 : Bad Request

Statut 404 : Not Found (“User not found”)

Statut 5xx : Internal Server Error

GET /api/transaction/{email}/myTransactions

Statut 200 : OK -> { [Transaction_1 : { connectionEmail, connectionName, description, type, amount, date },
Transaction_2,
Transaction_3,
…]
} ;

Statut 400 : Bad Request

Statut 404 : Not Found (“User not found”)

Statut 5xx : Internal Server Error

POST /api/transaction

{
userEmail,
connectionEmail,
description,
amount
};

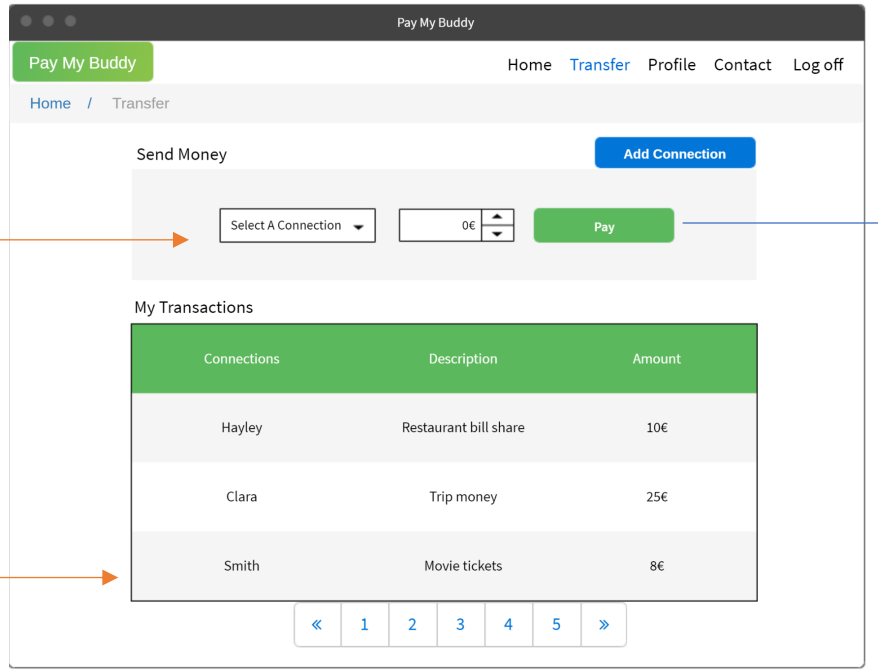
Statut 200 : OK -> page “Transfer”

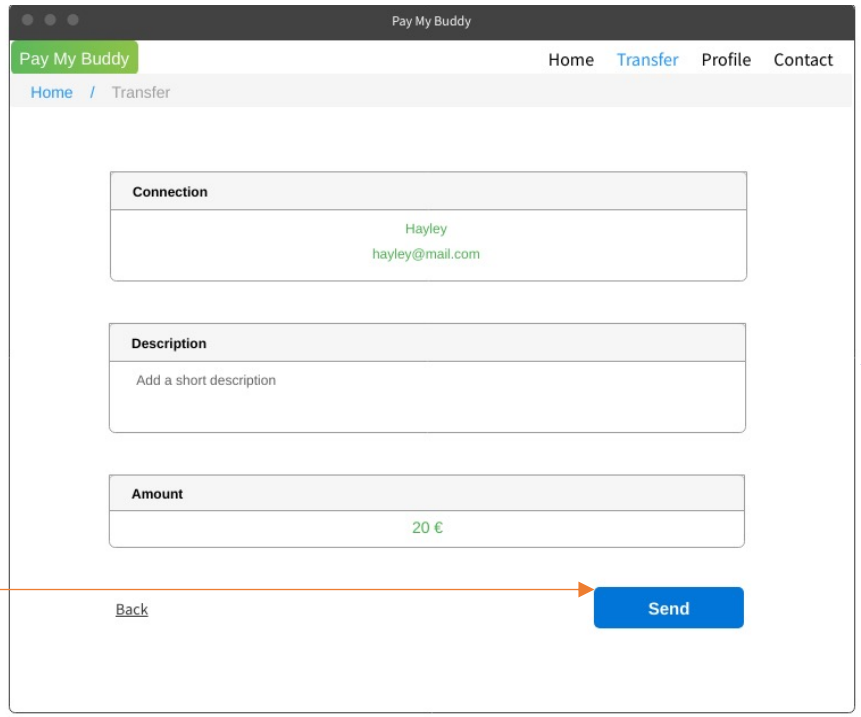
Statut 400 : Bad Request

Statut 404 : Not Found (“User not found”, “Connection not found”)

Statut 409 : Conflict (“Please recharge money”)

Statut 5xx : Internal Server Error





Add connection

POST /api/connection

{

userEmail,

connectionEmail

};

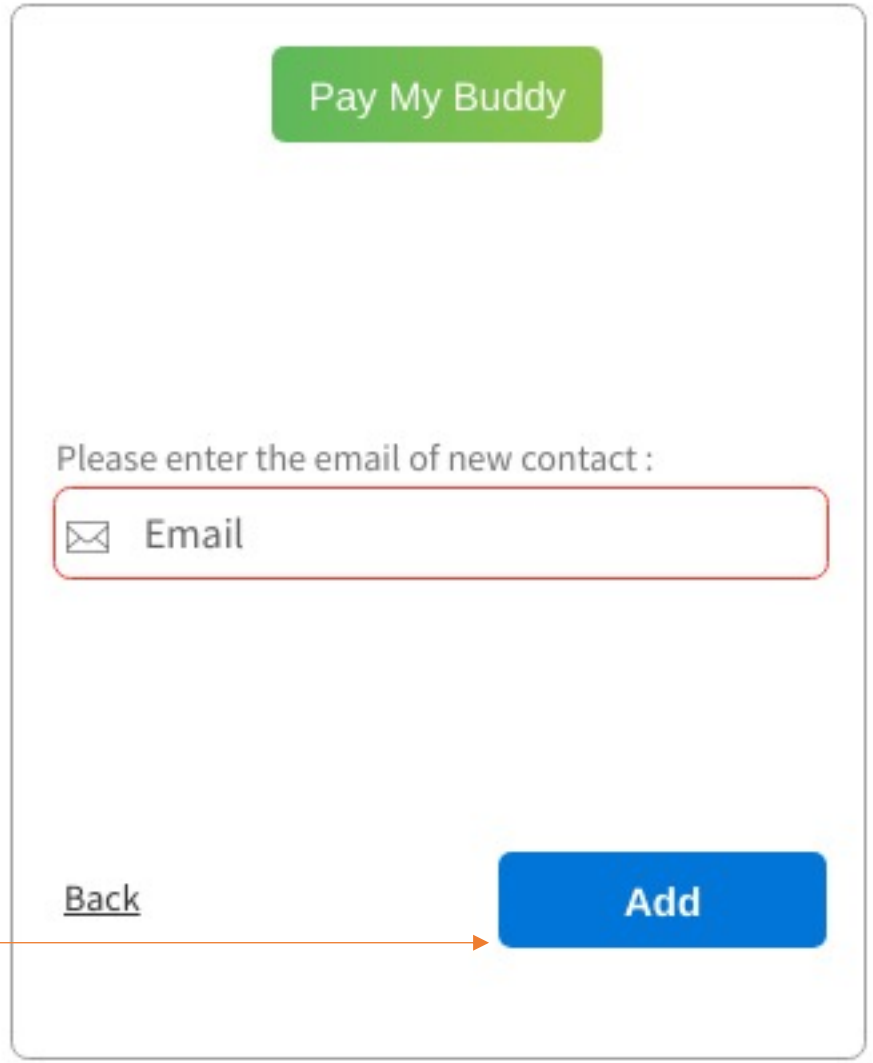
Statut 201 : Created -> page “Transfer”

Statut 400 : Bad Request

Statut 404 : Not Found (“User not found”, “Connection not found”)

Statut 409 : Conflict ("Connection already registered")

Statut 5xx : Internal Server Error



Profile

GET /api/user/{email}

Statut 200 : OK -> { email, firstName, lastName, balance,
bankAccount : { bank, iban, bic } } ;

Statut 400 : Bad Request

Statut 404 : Not Found (“User not found”)

Statut 5xx : Internal Server Error

PUT /api/user/{email}

{
firstName,
lastName,
email,
password,
confirmPassword,
bankAccount : { bank, iban, bic }
} ;

Statut 200 : OK -> Page “Home”

Statut 400 : Bad Request

Statut 404 : Not Found (“User not found”)

Statut 409 : Conflict (“New email not valid, please choose another email”)

Statut 5xx : Internal Server Error

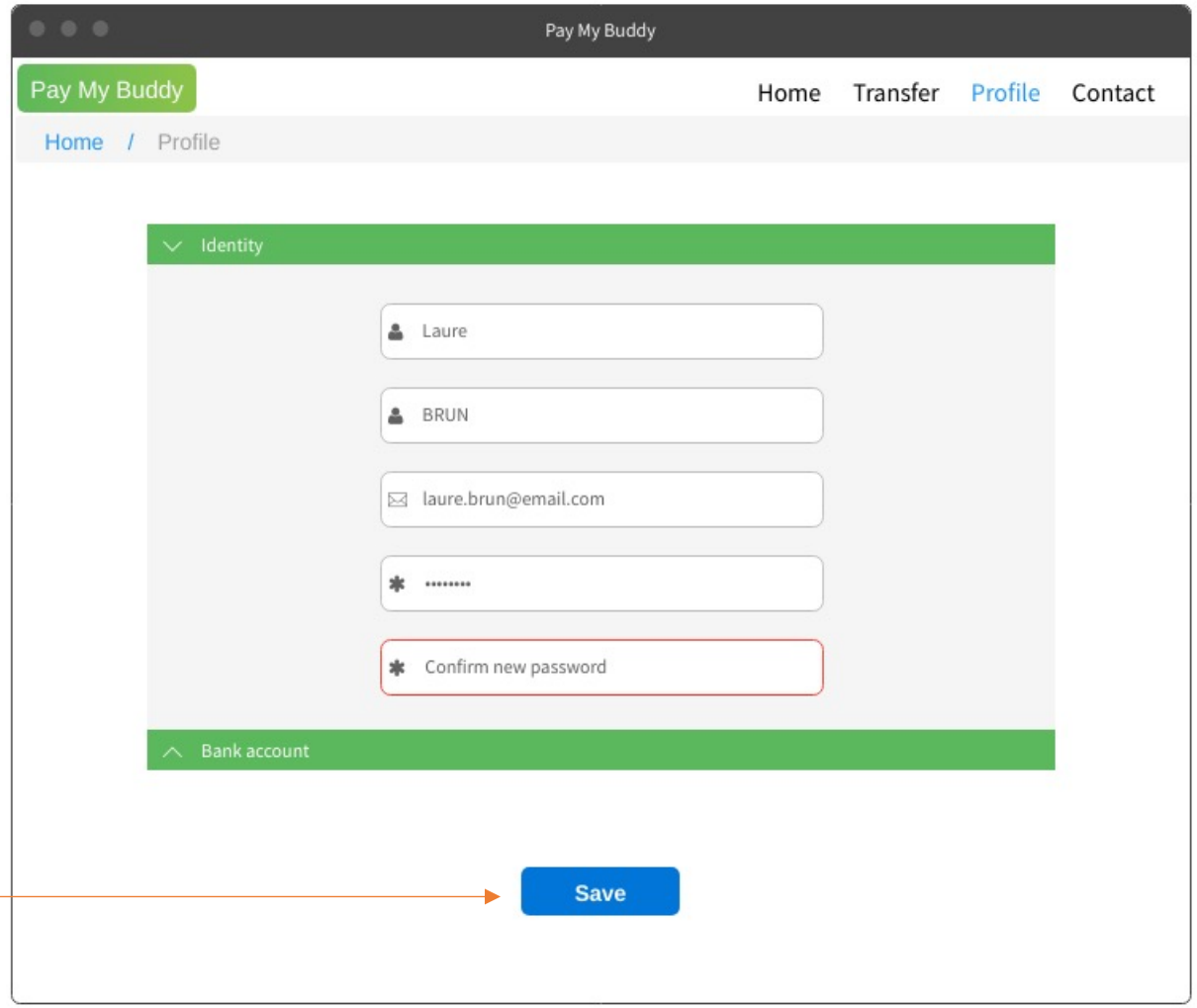
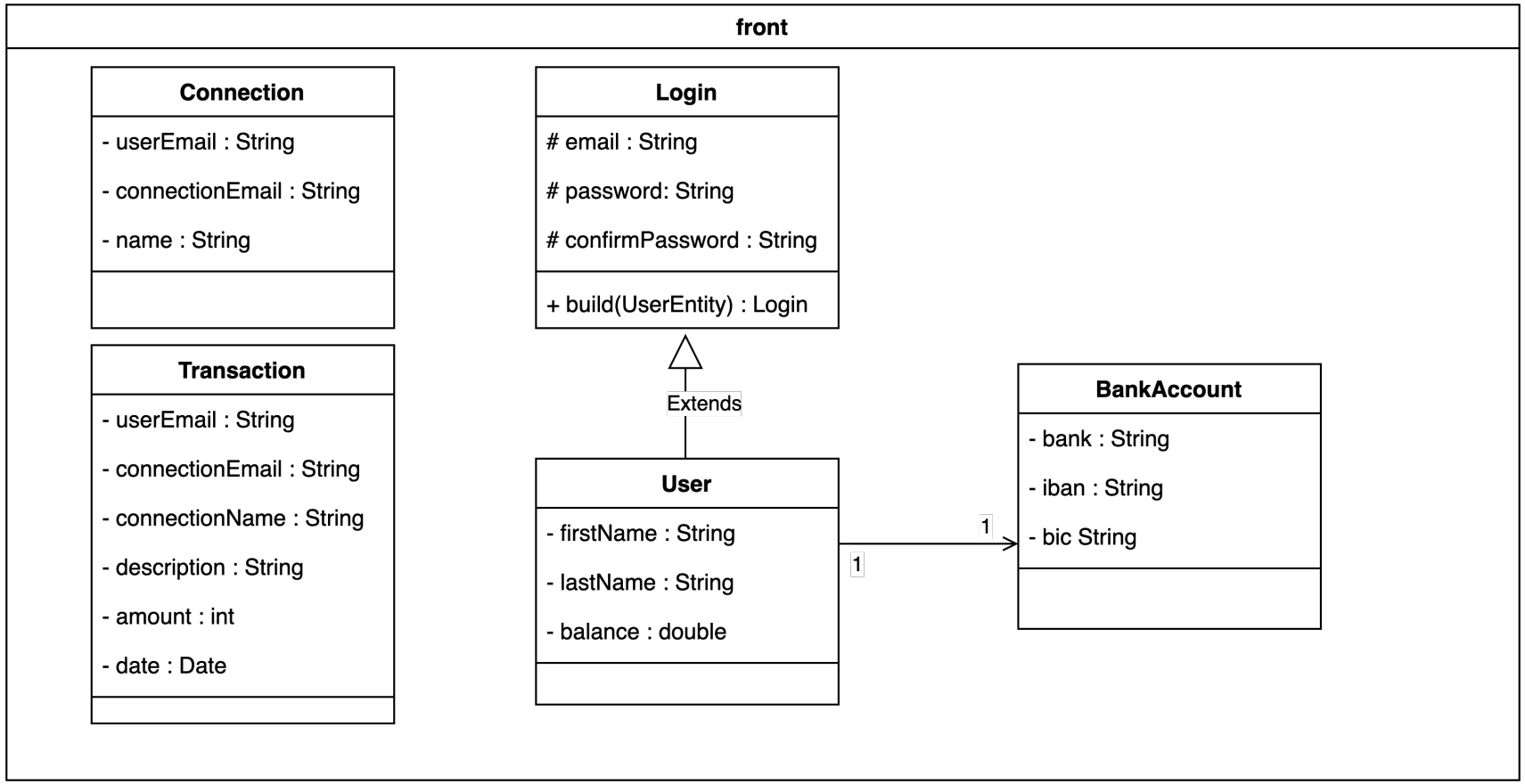



Diagramme de classes