PurchaseRefund API Documentation

Base url: http:/localhost:8080/

Customer operations

GET: api/customers

Returns a list of all customers in the system.

Response: see table "Customer Datatype"

GET: api/customers/{customerId}

Returns the customer that has id equal to the parameter "customerId"

Response: see table "Customer datatype"

GET: api/customers/{phoneNumber}/search-phone-number

Returns the customer that has phone number equal to parameter "phoneNumber"

Response: see table "Customer datatype"

POST: api/customers/

Creates a new customer

Request JSON object

Field	Datatype	Constraints	Description
Name	String	• Required • Not blank	The name of the customer
phoneNumber	String	• Required • <= to 20 letters	The phone number of the customer
phoneCredit	Double	• Required	The amont of credit on the phone

Response: Retuns id of the customer

Purchase operations

GET: api/purchases

Returns a list of all purchases in the system.

Response: see table "Purchase datatype"

POST: api/purchases/{customerId}/purchase

Creates a new purchase in the system

Request JSON object

Field	Datatype	Constraints	Description
itemDescription	String		The description of the item purchased
amount	Double	• Required	The amount of the item
currency	String	• Required • 3 characters	The ISO code of the currency

Response: Returns the id of the purchase

Refund operations

GET: api/refunds

Returns a list of all refunds in the system.

Response: see table "Refund datatype"

GET: api/refunds/{customerId}/customer-refunds

Returns a list of all refunds made to a customer.

Response: see table "Refund datatype"

POST: api/refunds/{customerId}/refund

Makes a refund to the given customer

Request JSON object

Field	Datatype	Constraints	Description
description	String		The description of the refund
amount	double	• Required	The amount to refund
currency	String	• Required • 3 characters	The ISO code of the currency

Response: Returns the id of the refund

Customer datatype

Field	Datatype	Description
id	integer	Unique id of the customer
name	string	The name of the customer
phoneNumber	string	Phone number of the customer
phoneCredit	double	The amount of credit on the phone
createdAt	timestamp	Timestamp of when the customer was created
updatedAt	timestamp	Timestamp of when the customer was last updated

Purchase datatype

Field	Datatype	Description
Id	integer	Unique id of the purchase
itemDescription	string	The description of the item purchased
amount	double	The amount of purchase
currency	string	The currency used to purchase
createdAt	timestamp	Timestamp of when the purchase was made
updatedAt	timestamp	Timestamp of when the purchase was last updated

Refund datatype

Field	Datatype	Description
id	integer	Unique id of the refund
description	string	The description refund
amount	double	The amount of to be refunded
currency	string	The currency the refund was made in
createdAt	timestamp	Timestamp of when the the refund was made
updatedAt	timestamp	Timestamp of when the refund was last updated