

System Under Test - Description:

Introduction

The system under test (SUT) is a simplified Customer Care system for call center operators where they can access and modify customers details, such as personal information (name, adress, nationailty and more) and device information (phone, tablet, and other devices).

The primary interface for an operator is via the webb GUI.

The webb GUI in turn communicates via a REST API, which in turn communicates and stores information in an underlying database.

Features

Add, modify, and delete customer

The system allows an operator to add new customers into the system, modify their information, and subsequently delete customers from the records.

Add, modify, and delete equipment

A customer can also have equipment, for example a phone, tablet or other equipment.

The operator has the option to add pre-defined equipment to a customer which will have information such as equipment (type, model, IMEI) and SIM card if applicable (MSISDN, IMSI).

Currently the only way to add new products or add/change equipment into the system is via direct REST API calls.

Ways of access

Webb GUI

The primary way of access for an operator is via the webb interface, which will be located under:

<http://localhost/>

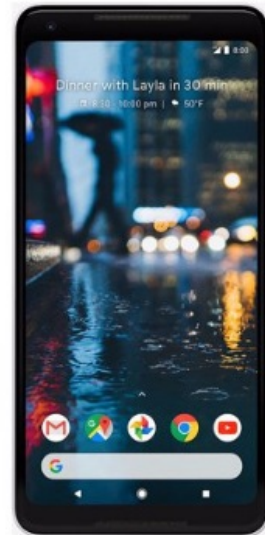
Customers

Kenneth Blomqvist

NEW CUSTOMER

First name:	Kenneth	Street:	SANDÅNGESSTRANDEN 2
Last name:	Blomqvist	Zip code:	941 43
Age:	56	City:	PITEÅ
Gender:	male	Email:	kenneth.blomqvist@bth.se
Nationality:	Swedish		
DELETE		EDIT	

Phone:	+46723580953
Sim IMSI:	IMSI_0123456789
Device:	Google Pixel 2 XL
Device type:	Phone
Device IMEI:	IMEI_0123456789
EDIT	



REST API

But it is also possible to access the system via REST API calls directly, see corresponding document for REST API documentation: **rest_api_documentation.pdf**
Base URL for REST API is:

<http://localhost:6399/>

Database

Finally the information in the system is stored and modified inside a database (SQLite3) which can be accessed as a file under:

/home/pft/restapi/point-of-sale/pos.db

