

The illustration features a man with a yellow face, wearing a white dress shirt and a black tie, standing with his arms crossed. He is positioned to the left of a large, dark-framed tablet. The tablet's screen shows a red car icon centered within a light gray circle. The background consists of a teal wall and a yellow rectangular area in the top left corner. A blue banner with a folded corner is overlaid at the bottom left.

# User Guide

**TecksTock**

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# SUMMARY

Introduction	3
FUNCTIONALITIES:	4
EXPECTED BENEFITS:	5
HOW USE THE APP	6

# INTRODUCTION

## Semester Theme:

Develop of FullStack system with CI, persisting in polyglotte DB applied in mobile devices.

## Skills developed during the semester:

Implementation of an app using ORM in relational Databases.

Usage of building tools for dependencies, repetitive tasks.

Implementation of a project using CI.

Design a non structured database.

Implementation of an app with JSON (MongoDB as example) persistence.

Planning and implementation of load test using locust.io.

Development of an app for a mobile platform, such as smartphones or tablets, that allows the connection with sensors and communication to external LGPD services.

Implementation of apps infrastructure in containers.

## FUNCTIONALITIES:

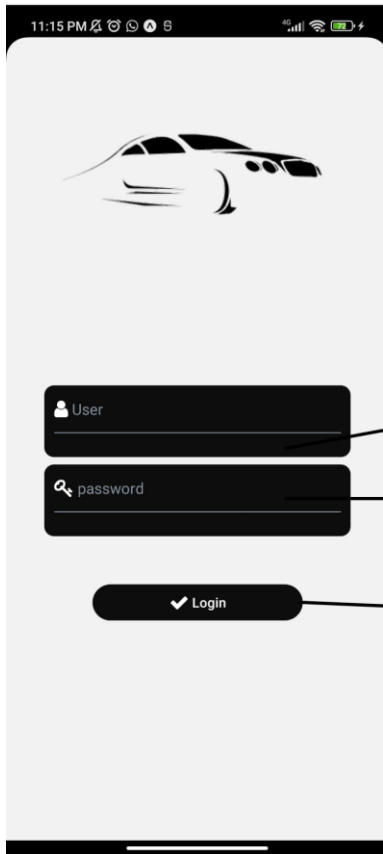
- e-FOL app;
- New FOLs notifications;
- Search key;
- Use the same database of MytechCare portal.
- Only car owners would have access;
- Only cars in the wallet can be filtered.
- Synchronization with the sharepoint containing all the FOLs;
- Smartphone localization to know where, which and when they were accessed;
- Download and show the sharepoint PDFs to the user.

## EXPECTED BENEFITS:

- Improvement of documents viewing for users
- Verification of documents updates
- Control of particular use of the services
- Higher process effectiveness.

# HOW USE THE APP

## LOGIN PAGE

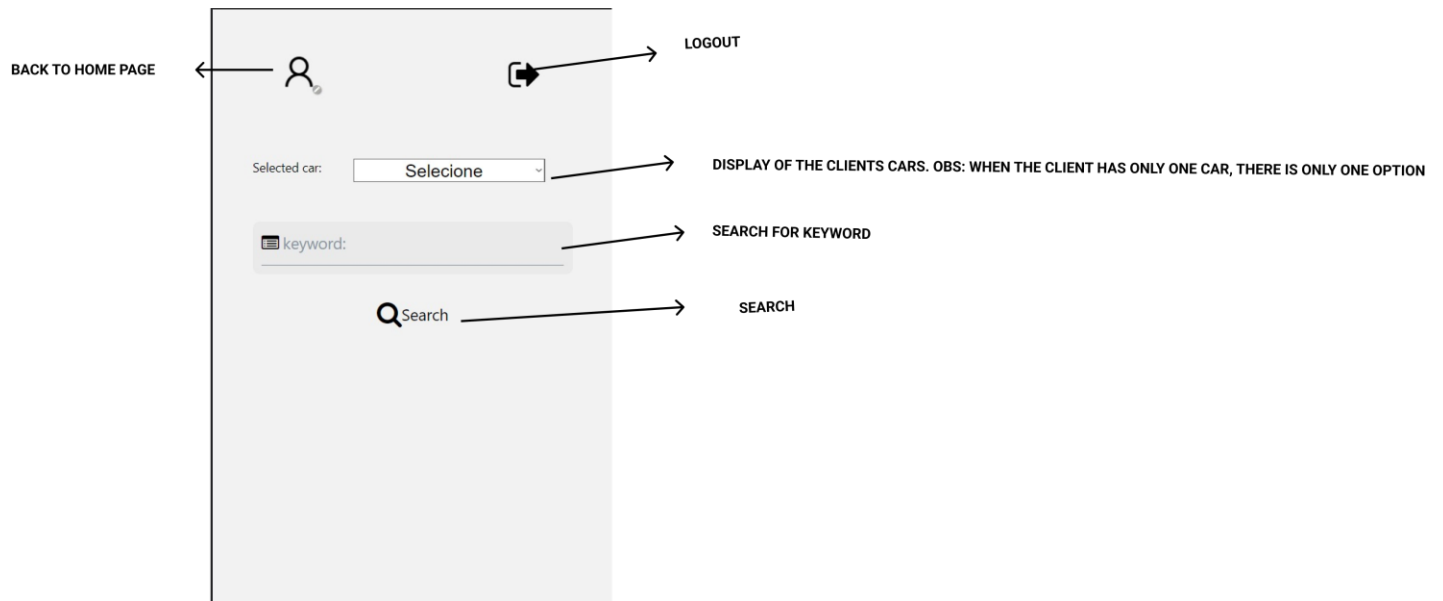


THE USER NEEDS TO INSERT THE LOGIN PROVIDED BY THE ADMINISTRATOR


THE USER NEEDS TO INSERT THE PASSWORD PROVIDED BY THE ADMINISTRATOR

AFTER INSERTING THE INFORMATION IN PREVIEW FIELDS, JUST CLICK.

## USERS PAGE, FOLS SEARCH



# FOLPAGE

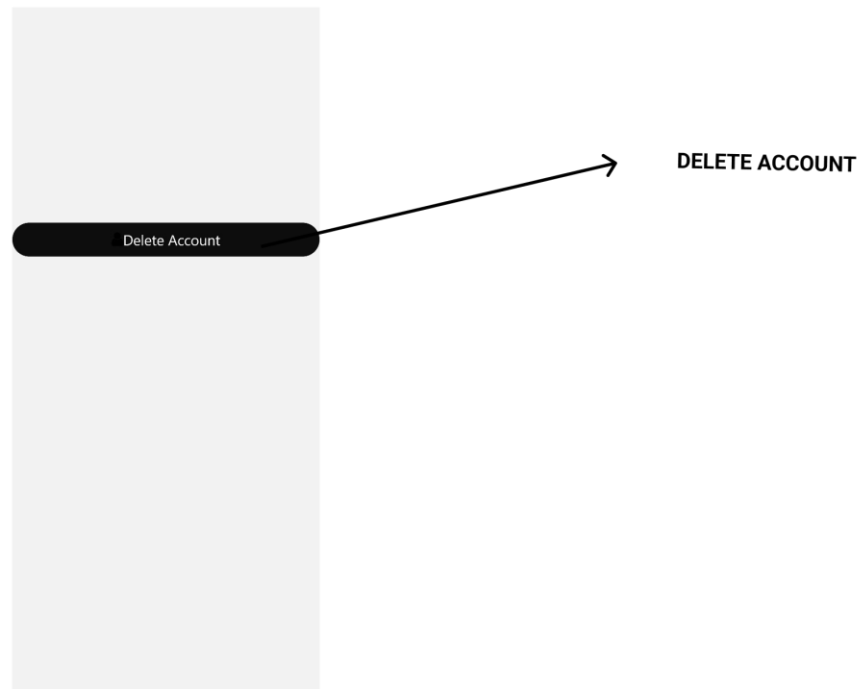
BACK TO HOMEPAGE ←   → LOGOUT

FOL	Category
BMW-001/19	ELECTRICAL
BMW-001/19	ELECTRICAL
BMW-001/19	ELECTRICAL
BMW-002/19	INTERIOR
BMW-002/19	INTERIOR
BMW-002/19	INTERIOR
BMW-004/19	AERODYNAMICS
BMW-004/19	AERODYNAMICS
BMW-004/19	AERODYNAMICS
BMW-005/19	HYDRAULIC

IN THIS SCREEN, THE USER CAN VERIFY HIS FOLS AND DOCUMENTS



## USER PAGE



IN THIS PAGE, THE USER CAN ASK FOR HIS INFORMATION TO BE DELETED FROM THE APP (AND DATABASE), IN RESPECT OS LGPD LAW:

LEI: XIV - ELIMINAÇÃO: EXCLUSÃO DE DADO OU DE CONJUNTO DE DADOS ARMAZENADOS EM BANCO DE DADOS, INDEPENDENTEMENTE DO PROCEDIMENTO EMPREGADO;

CREATION OF A RELATIONAL DATABASE WHICH CONTAINS ALL THE USERS MADE AVAILABLE BY THE CLIENT.

THIS WAY, WHENEVER THE CLIENT ASKS TO MODIFY AN USER, AUTOMATICALLY IN THE DELETION ON THE DATABASE, A NEW DATABASE IS GENERATED IN THE CLIENT MACHINE

THE EXCEL DATABASE INTO THE APP STAY FOR A CERTAIN AMOUNT OF TIME

THE LGPD STATES THAT AFTER "N" DAYS, THE DATABASE DELETES ALL THE DATA. IN THIS CASE, IF THE USER DOESN'T COME BACK OR IF THE DATABASE HAD NO RETENTION OF THIS USER IN "N" DAYS, THEN AUTOMATICALLY THE SYSTEM DELETES THE USER OF THE GENERAL DATABASE