Itushcars System

July 19, 2023

## Project Background and Description

ITUSHCARS is a car hiring company in Nairobi Kenya. ITUSHCARS want to increase it market reach therefore there I need for a website to help advertise and manage the business.

ITUHCARS website will help to:

* To increase the business credibility. A website is an opportunity to make a great first impression and give people comfort that the business is real.
* The website will help to Showcase the business to prospective customers.
* The website will increase chance of getting more leads.
* The website will help save time and improve customer service because it will contain basic information about the business.

## Project Scope

In order to achieve the above named, the project will implement a responsive website that will be accessible over the internet through: -

* Smart phones
* Small devices (ipad and ipad-like devices).
* Laptops, desktops and large system

The functionalities that will be implemented at a high level are: -

### Membership Module

Membership module will include: -

* New members’ registration process and records keeping.
* Maintenance of existing membership records.
* Management of members requests

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| # | | MEMBER OPERATION | | REQ. | PROVIDED | | ACCESS | |
| 1 | | Register member | | FORM | YES | | Management | |
| 2 | | Create member online access | | NA | NA | | Management | |
| 3 | | Book Car | | process |  | | User | |
|  | |  | |  |  | |  | |
| # | MANAGEMENT OPERATION | | REQ. | | | PROVIDED | | ACCESS |
| 1 | Provision admin user | | NA | | | NA | | System |
| 2 | Approve booking requests | | List | | | NO | | admin-user |
| 3 | Add Cars | | process | | | yes | | admin-user |

|  |  |  |  |
| --- | --- | --- | --- |
| # | ROLE | ACCESS | COMMENTS |
| 1 | ADMIN-USER | ALL | Can do everything |
| 2 | User | User pages | Booking a car |

### Booking Module

The Company offers cars to its members. The booking module will include: -

* Car booking process
* Book request approval process

|  |  |  |  |
| --- | --- | --- | --- |
| # | OPERATION | PROVIDED | COMMENTS |
| 1 | Booking car request | YES |  |
| 2 | Book approval workflow | NO |  |
| 3 | Book request rejection workflow | NO |  |

### Car adding Module

The purpose of the this module is to allow admin to add available cars

|  |  |  |
| --- | --- | --- |
| # | OPERATION | COMMENTS |
| 1 | Add car |  |
| 2 | Remove car |  |

## High-Level Requirements

The system is web based. As such, any device with internet access and the latest browser, will be able to access it.

The new system must include the following:

* Ability to allow users to access the website without downloading any software
* Ability to interface with the existing data warehouse application

## Deliverables

* Back-end software that is hosted in the cloud.
* UI Prototype for both users and management.
* User documentation manual.
* Technical documentation

## Affected Parties

* Management
* users

## Affected Business Processes or Systems

* Member registration
* Car booking process
* Car request approval process
* Car adding process
* Car removal process

## Specific Exclusions from Scope

In this phase (phase 1), the following will be excluded and will come in the subsequent phases: -

* Direct payment.
* Integration with existing systems (if any).

## Implementation Plan

The project will kick off with the implementation of UI design.

After the UI design, the business logic, starting with members’ module, followed by booking module and sadding cars module last.

## High-Level Timeline/Schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Date | Description | Dep. | Comments |
| 1 | 19/7/2023 – 19/7/2023 | UI Prototype/Wireframe |  |  |
| 2 | 19/7/2023 – 19/7/2023 | Membership module implementation | #1 |  |
| 3 | 19/7/2023 – 19/7/2023 | Booking module | #2 |  |
| 4 | 19/7/2023 – 19/7/2023 | Add car module | #3 |  |
| 5 | 19/7/2023 – 19/7/2023 | testing | #4 |  |