inventory management system

for: Tacit Technologies systems   
Project Scope

September 20, 2022

# Overview

## Project Background and Description

Tacit Technologies Systems is an information technology company that deals with selling of computers and their components.

It is a startup company that handles its inventory and sales using manual documentation and Microsoft excel. Automation of this process will aid the company to track its sales, products and all transactions carried out by employees concerning these sales from one point.

## Project Scope

This project will cater for the following activities:

1. Financial transactions
2. Products store keeping
3. Sales records
4. User accounts management

It is a will be a web based software that will be accessed through:

1. Smart phones
2. Small devices (iPad)
3. Desktops, laptops and large systems

### Membership Module

Membership module will include: -

1. ADMIN: This role will be handled by senior management in the organization
2. EMPLOYEES/USERS: These are the cashiers and the accountants or anyone else involved in sales on behalf of Tacit Technologies Systems.

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| --- | --- | --- |
| # | ADMIN OPERATION | ACCESS |
| 1 | Register Admin and Users | Management |
| 2 | Delete member | Management |
| 3 | View all transactions | Management |
| 4 | Edit member details | Management |
| 5 | Add, delete or edit product details | Management |

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| # | EMPLOYEES/USERS OPERATION | ACCESS |
| 1 | Can access the system using password | Employees |
| 2 | Add a product to the cart | Employees |
| 3 | Facilitate sales | Employees |
| 4 | Record transactions details | Employees |
| 5 | Log out | Employees |

## High-Level Requirements

The system is web based application. It will be accessed by use of web browsers like fire fox, chrome and any other modern browsers.

The new system must include the following:

* Ability to allow users to access it without necessarily downloading into their gadgets.
* Ability to allow users access it using different operating systems.
* Ability to allow users enter volumes of records without buffering or exhausting database space.

## Deliverables

* Back-end hosted with hosting companies.
* UI Prototype for both Admin and Customers.
* Member’s responsive web based application accessible.
* User documentation manual.
* Technical support as an after sale service.

## Affected Parties

* Management (Admin)
* Employees (User)

## Affected Business Processes or Systems

* Member registration
* Store keeping
* Sales transaction

## Specific Exclusions from Scope

The following will be excluded and will come in the subsequent phases: -

1. Linking a payment module of Mpesa
2. Generating printable reports

## Implementation Plan

The project will kick off with the development of wireframes. This will be done using Figma software which will open way for implementation of the said modules. Each module will take approximately a week on the minimum and two weeks on the maximum.

After this, the project will be tested and all concerns checked. This will be followed by official commissioning and training of the Admin a role for the management level. Lastly, employees using this software will be required to attend training session and from there official roll over can commence.

## High-Level Timeline/Schedule

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| --- | --- | --- | --- |
| # | Date | Description | Comments |
| 1 | 20/9/2022 – 15/9/2022 | UI Prototype/Wireframe |  |
| 2 | 16/9/2022 – 30/9/2022 | Admin module implementation |  |
| 3 | 31/10/2022 – 15/10/2022 | Employees module implementation |  |
| 5 | 16/10/2022 - 30/10/2022 | Official commissioning and training management |  |
| 6 | 1/11/2022 - 15/11/2022 | Training of Employees |  |

# Approval and Authority to Proceed

I approve the project, fully approval requires the person mentioned herein to append a signature.

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Title | Signature | Date |
| Felix Otieno Okoth | Mr. |  | 2022 |