4. Stock Maëntenance System

1. Gokalutop Ita 10. potational & grapeda to profit

The purpose of this document se docublère the requirements and specificatione for the development of Hock Meinkrane hystern (SMS). This SRS will provide a clear understanding of the project objectives, supe à deliverables ; encueing that developers, veers & evaluators charl common viewon of the typeterns grand sind our the

asthow's Transpier

1.2 Stope in server does stolet a stabella This document defines the oneed working Egoed of sms. It experifres how the eighten will managestock defaite, hardle updater, kark Bruentory & generate suporte for decision making. It also includes cost estimation à she enperted uhedule for completon of ayeten.

· 3 Querriew: goldierich ich broist

* updote stock automobially after. The SMS de a software colidion designed to automate stock & Envertory designed to automate stock & Enventory management for buiner. It will allow week to add update à delete stock revole, teach moming & autgorng goode, generale derte for love stock items and prepare reports for better planning.

* A cloudly ound for outsingingly of trackapens to would

only paramer 2. General Decemption The whock maentenance rystem will cate to the needle of weekhow mangers, chopkeepers & administrators, It will provide features dupatch revolt & smertoy seporting. The yetern will Le aueuble dhrough web lkoweig et dektop applications, designed do be use frændly & scalable. eproperties see of the see with posels a least arburbards 3. Functional Repussemente 25.1 Stock Entry & cipdate with details the name, supplies, price & quantity * cipalate à delete atock revole au required. 3.2 Gruentory Tacking r' Monster real time stock leveli Generale aleest when items reach reader levels 3,3 Lales & Dispatch Management rupdate stock automatically after each sale & dispatch 3.4 Reporta a Analytique querale reporti on Nock levele, vales & supplier preferan * Prous de graphical analysis for hende Ei foreaute. serlateral doctors denerate. 4. Interface Reputements 44 cleer Interface * A doubboard for ordinariskalor & stockerpers to were took etabus.

* Acceptele vou web browers & desktop apptrations with simple

4.2 Integration Interfaces

*Support bareacle *canners for efent 9 dentification of Integration with accounting systems for reamless francal reporting.

5: Verformance Requiremente de file de la militaria de la companya della companya

5.1 Response limb

* The system should reflect stock updates within 1x of a Kanatos

1.5.2 scalability walls at roluban in should handle up to 10 x xbock scioods kinciltaneously wishout performance loss

5.3 Data Integrity Ensure accurate & convictant data acrose all stock entire &

6 Design Corekainte

6.1 Hadware Limitertons Must sun on standard PCA & Gariode sianner available en warehouser or shope.

6. 2 Software Depardenues

+ Requires a relational database (My col/Postgucone)

+ Developed any modern programmy forameworks such as Java Spring Boot or Python Django.

7. Non Functional Alleibuter

Tri Sewily

· Proude authentication & role based access control foi way

promable day du durante

THE Rebability

+ Eneure retable stock karting with automatic backups

7.3 Chalplofy

· Emple & Enturbier mer enteface with easy reason & follow options

T. 4 Portability

or compatible with windows & lance as

7.5 Marnhamabelthy

* Code will de modular de allow future updates or

wall unantered they

wholey respect to prof these

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deprespection or the = 9

8. Preliminary Rhedule à Budget

The stock Mainterance offen de estimated to be developed in 5-6 months. Including deign, implementation, testing & obeployment phoses. The estimated budget is assumd a testing covery software development, database setup, infraskuture & initial maintenance for one year.

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