Hotel managemen 1 system 1. In thoduction: Pumpose: The pumpose of the document is to outline specification and nequinements for Hotel management system. It can used to understand functional, Non-functional and persformance requirements for develop esters etc... sonotestal so in testens etc... Hotel management System should -> Improve operational efficiency. -> Support payment and third party books -> g - 7Enhance the guest expenience. The main features with included will be > Researcation management -> Payment System. et aloret and apress -> Billing and Invoicing.
-> Gruest profile management. 2. General description; 2. Greneral requirements: descoription. ->Guests to book nooms online -> management to generate reports. -7 To manage nom availability, guest détails.

3. Functional requirements: Reservation! be able to Book from to their 1: King -> Billing and Invoicing: Payment gateway and generation of bills. -> Useen and admin mangement:
To book monitor their frequirments
and analytics to support this g. Pore Estir Esti. -7 user Interface: U.I should be user friendly Esmooth 4. Intestace Pha -> Analytics Interface.
To analyse customen & their preferences. Jes. Od et 5. Periformance 2. Lil -7 Response time: +2000 gat gonomass -> Scalability & Data privacy: 10 II The main features 10/ > Resenvo + con management 6. Design constanints

-7 openational Enong & -> De velopment 10 7. Non-functional requirements: -7 Security The data breach should not happen. -> scalability: Future developers should beable to scale the disystem for 1000

2 (om pati be ? lity. fast siesponse time in payments & booking. om to their -> Postability: The software should run on different OS, devices. ofbills. 8. Preliminary Schedule and Budget: Estimated duration: 6 months. orement Estimated Budget: 230,000,00 Phases covered: Project Planning, development, mooth testing, deployment, Poreliminally planning chences. 2. Library Management System: 1. Introduction. endretal 1.1 Purpose: of this document is to define requirements and specifications define development of a library management system 1.2. Scope: -75°m plify and speed up daily library ->Provide easy access to le brany resources for students and Staff. 1.3. Overview! It will include. -7Book catalog manage ment. ZBook issue, renewal and return tracking -> Repost tengand analytics foradministra ns.

2. General Description The Libonary management will provide -> Tools to issue, manage nesegovations and track overdie items. TACCESS to reports, inventory -7 online access to seatich , sieses we 3. Functional requirements observable -> catalog management. To add, update and delete book seconds -> User management. Thack borrowing history. 4. Interface requirements: ->user Interface. Intuitive usest-friendly interfae. > Integration. Interface Integration with barroade and payment gateways 5. Performance requirements: -> Response time The system should the spond in faster nate. >Scalobility The System should designed in a Such way that it should be scalable in future.

pesign constanints Thand wate constituints. compatible with both desktop Emobile will provide 750ft watre Dependencies. rations and RDBMS, Forontend, Backend, Deployment. ave 1 Non-functional neguinements: ->secusity Implement secure role based access -> Reliability. Available Should in most of the -> pata integrity. Ensure accurrate and consistent data stonage/netnieval payment 8. Preliminary Schedule and Budget Estimated dunation: 5-6 months. Estimated Budget: \$ 10,000,00 steon Phases: Requisemt analysis, development, testing, deployment. ble

3. (neda Cand Processing System (OCVS) 1. Introduction. The pumpose of this document is to 1.1 Purpose. define sequishements and specifications. cops will enable merchants, banksand payment gate ways to process credit 1.2 Scope 5. Peg and transaction -7 Acts as an middle waste blw customers 1.3 overview. and issuing banks. 2. General description.

(CPS will provide -> monitor & generate reports. -> Accested credit rasted payments
securely. 6. Des -> High speed and data encouption. -> Transaction processing. 3. Functional orequirements. -> Authentication & Security. Tused management.

Interiface requirements. suseen Interface: acc PS) Intuitive user interface should be poresent. JIntegnation Interfaces: 95 70 compatible with cand networks. fecations. entegraten with multiple gateways. a Renformance orequirements banksand edist TRESponse Time: Totansaction should by under 2-3 seconds -> Propert reply:

If any failure, proper measures should be stomens The leability taken.

The any consticut condition, handle of with carefully. -> Handware Limitations: multiple Should be compatéble in both devices 6. Design constraints: -> Pevelopment constinaints: secure audêts required before de ployment. ? Non-functional requirements: End to End Encoryption -> Secusity. Role based access.

1.2his non-fu ->usability: semple and secure system. ord sys toon maintain detailed logs of all -> Auditability: 2. Desco toan sactions and administrative the applica actions. admi usen 8. Pareliminary Schedule and Budget: Estimated Punation: 8-10 months 3. Fur Estimated Budget: 740,000,00. Phases: Requirement analysis, design, development, security testing, compliance, deployment. 4. Passpoort Automation system CPAS).
1. Introduction. 4. In t. L Pumpose. the pumpose of the document is to specify software requirements and specification -s for passport automation System. 1.25cope The PAS well provide an online platform - Register and create user profile TAPPLY for new passport, neneval. Tupload necessary documents.

13/15 model provides functional and 13/15 model requirements, constraints on functional requirements, constraints of system models for possport automa of system. peromption.

perompts well cated to the needs of
the pass post afforess the onts. passpoort officers and administrative staff. The system will be odriforiendly and accessible to individuals. 3 functional require ments dge ti -Application Management. To create new possport applications -Appointment Scheduling.
To schedule appointment foor ve si fication. restification and approval.

After restification with law enforcement approval will be given. ing, 4 Interface requirements -> Useon Interface. Intuitere resentantesface for to specify fication usess and officess >Integration Interface. Integration with postal police ne platform departments. r profile Proses covered: Oesean, Reguis eneval. specification, Deploymen

Pa 5. Performance dequerments. The System should siespond in
The System should siespond in
meneral time

Data Integrity. 1.1. Pu The defor Pata por vacy and should important for 1.2 Se 6. Design constaraints > Handware l'instations: The System should run on different Os, > Software dependencies: 1.3 RDBMS (3) NOSQL, Frontend, Backend, Deployment. 7. Non-functional requirements. Dor strong authentication for users -> Security 2. be and officers. menemize downtême & high availability ma The The experience should be smooth and user satisfaction is needed. 870 3. FI 8. Preliminaty Budget & schedule Estimated dunation: 8 months Estimated Budget: \$25,000,00. Phoses covered: Desegn, Require ment specification, Deployment,

g- stock main tainance 1. Introduction 1.1. Pumpose of this Docum. The pumpose of this document is to din defence the orequirements & sperification for stock maintainance system. important. 1.2 Scopeoverview. features should be included the following features should be included -> stock inflow and outflow. > openational efficiency. eent OS, 1.3 Overview Scope -> Automate inventory Estock management Backend, -> Punc hases and sales necondeng. -> Suppleen/customen management. The system will be used by store managers, staff and administrators.

The system will provide heal time.

The system will provide heal time. 2. Greneral desconiption: or usens vailability. stack updates & reports. 3. Functional nequinements. othand Stock Management.

Add, update and delete stock atems. -> Purchase Esales Management Generate purchase & sales reports -) Analytecs Using neposits usefull dashboard can be developed.

4. Interface requirements. -> Useon interface In tuitive useon Interface -> Integration Interface. Integration with accounting Systems. 5. Performance requirements: -> Data Accusacy The postfolio should be up date -> Response Time. fastly and accusately Ifany failure occurs propert measures should be taken. ->tlandware l'imitation. Should be compatable with printess -> Software dependencies. RDB Bris our Nosql data base. Frontend, Backend, deployment. 7. Non-functional requirements: -> Security Role-based authentication. -> Re l'a bility Ensure high availability backup and necovery mechanisms. compatable with may wy openoting systems

Pre 19 manager Budget and schedule. Este mated Dustation: 8 months Esternated Cost: \$ 30,000,00. Phases covered: Design, Deployment, Requirement specification update service Details() ang ets. sousegost ate cusately in aken. 1850/4/250 HE DE STORY porintess checkontdo tesdate Source date cons ni enitare Aas uckup 18 to some of amount double 626615 portan photosopping · Stob Stob status stains