Exp No: 1A Functional Requirements for online Voting System

Aim: - To perform analysis of the given problem statement for listining the functional requirements of online voting system problem statement:

(i) current offline voting system status:

Today, only about i prercent of the population votes at polling places on hand counted
paper ballots, but his tigure is misleading.
There are many elections conducted on optical
mark-sense ballots—that are actually hand counted.
iii) New technology:

Today, an increasing traction of the directrecording Electronic voting machine on the market include provisions to network all of the voting machine in one polling places. — Functional Requirements

-Admin: This use case is the starting point.

for any interaction with the information

system general use case specialized for

organizers, i.e "Authorize organizer!"

Q Search * Manages Election Districts: create, view and modify different set of election district tor one or more Election procedures.

* wei- Interface: The system Shall provide an Easy-to-we user-interface. Also, it shall not disadvantage any candidate while displaying - me choices. Ist of themslots * Manage Electronic units: import, insert, view and modity electors for one or more election Today , and about 2 present of the population * support for Disabled vector: The system Shall cate to the needs of physically challengeduvotersenoitsels prom ero erent Eligibility: only Authorized voters, who are registered should be able to vote voters who voter confirmation represent no, public sa no some voter shall be able to contirm charly how his vote is being cast and shall be given a chance to modity his vote before be committel positional - namin: This use case is the starting point for any interaction with the information The given problem Statement is analysed and various functional requirements are listed

- Tunctional Requirements for library Management system

Aim: To perform analysis of the given problem statement for listing the functional trequirementup solv of pour avoil-x-

problem statement: several problem such as in adequency of infrasturcture and hardware, problem in software, lack of trained and Skilled staff and lack of funds.

Library information system:

The library Management system software helps in reducing operational costs Managing a library manually is labor intensive and an îmmense, amount of paperwork, is involved.

- Functional Requirements de

-Administratoor must be able to:

- -> provide the information regarding books.
 - -> search -for -the required books -trom database -- Adol new book to database
- update the number of books in data base
 - Enter date of issued book in Datab soase o redomin itabas de eldo
 - information of refreed book.

Tunctional pequip * Manages Elic and modify the branch of books accordingly for one of department * us equirement to translate meldara an + Allow use to view quick reports like books disques preturned etcate mudan 3tock vertiticate in dittere nt criteria brook according to different categories New well registration: Hole balling - Any member of the instituted who wishes to avail the tacilities of the library, has to register himself with The library information systemism provided o immense. amount of spool do search The system must be able to search the database based on select search type, must be able to teller book based on key word entered and must be able to show the tiltered book in-lable view Issue books and return books: The system must be able to enter issue intormation in database, must be able to apolate number of books, musto be able to search of book is available or not.

penew the book smups I hnottomit 1 win It The time Exceeds beyond - the time limit of the management then one can be able renew the book for next few days that is avoids of Extra payement In Peult given user maintains is this This The given problem statements is analysed and various functional requirements are listed Exp No: 1C Functional Requirements tor online shopping system nim: To perform analysis of the given problem statement for listing functional requirements ed mos remotion de problem statement; on doids son offline shopping system: It include the customer Etforts to shop the items and it make the customers in convience, in Etterieny. online shopping system; The Functional & Non - functional requirements were mentioned below to assure. produce sit online shopping system: online shopping is a torm of electronic commerce which allows consumers to

online help: suppolondes - and (ii) when the customers are need 3 a help The system will provide the online help -Administratativenibulant toamin and no -Administrate must be able to add I modify automer. System must be able to accept order 13 from the customer via email or online form. multiple times. Results: The given problem statements is analysed and various functional requirements are Ampilisted a play of whom sment himself to be Entitled to vote NON-Functional Requirements for online voting system. mother and Aim: - To perform analysis of the given problem statements for listing the non--tunctional requirements no nont stov problem statiments: (i) current offline voting system Status: Today, only about I percent of the population votes at poling places on hand counted paper barrots, but this tique is misleading of tool owen

(ii) New technology: eglad sonlar Today an increasing fraction of the direct recording electronic voting Machines on the market including it britisiamby online voting system: online voting system protect the integrity of the votes from being able to rote multiple times. Non-Functional Requirements: Pesults: The given problem statement is rote - nuthencity: suomer bus best bons Ensure that the votes must identity himself to be Entitled to vote. NoN - Tunct Ponal : porus - NoN The system shall recorded and count novin all the votes moting of -; mil uniqueness: No voter should be able to Vote than once transment but story Audit ability: It should be possible to verity that all the votes have been correctly accounted for in the tinal population votes at point places on that voter - nnonymity in body bothous Ensure that votes most not be

associated post longitano 1 - MOM & system integrity: Inamaponant yourdil Ensure that the system can't be reconfiquied during operation. Availability: Inmanisper longitant Ensure that system Especially the vote casting equipment ishall be open source 180 that it can allow external inspection. system Disclosability : and a stutilism The core of the system respectfully the vote - caste opensource so that it can allow External inspection and auditing. System -Accountability: Ensure that system operation are logged and audited betremblant ed personal Integrity: de 20000 plas Those developing and operating the voting system should have unquestionable records not behavior enterior ent be tast and accurate and system should be able to handle large amount

Result:

The given problems statement is analysed and various non-functional requirements

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