## Case Study 2 - Huspital Management System

Task 1 Coeate 5 Functional & Sub-Functional requirements
respectively For Hospital Management System

= 1)@ To add the Patients Input: To enter patients name, phone number bed number, word name, doctor's name to whom it assigns, etc.

Output: Details of newly admitted patients in hospital 10 To OSSIGN ID to patient

Input: To enter patients all personal details & assign a unique ID to him/her. Output: Maintain record sheet of patient throughout their hospital stay.

2) Deleting Patient ID

Input: To enter the patient unique ID at the time of admitting into the hospital. Output: Record for posticular ID of potient will be exased at the time of checkout from hospital.

3) Availability of bed Input: Total no. of patients & beds For lack in posticular Woods. output: Generate report on availability of occupied or un-occupied beds, wards & more.

Input: Patient's unique ID allocated to him/hex at the time of admitting in hospital output: Generate the bill of patient during his/hex stay till checkout From hospital.

Input: Requises Patient's ID & name of
Doctor to whom it was assign.
Output: Generate the prescription and also
do's & don't's after checkout of patient
From hospital.

Task2 Prepare a SRS document For Hospital management system.

A software requirements specification (SRS) is a description of a software system to be developed. The SRS lays out functional & non-functional & ron-functional requirements & it may include a set of use cases that describe user interactions that software must provide to user For perfect interaction.

The SRS docx lists sufficient & neccessity requirements For project development. To derive the requirements, of the products under development.

a) Background Hospital are the most essential past of our lives providing best medical facilities to people suffering from various ailments, which may be due to change in climatic conditions, in coeased workload emotional towarma stocks, etc. so it is necessary for the hospital to keep track of its day with the help of technology as it can reduce 90% paper usage for Hopital management system.

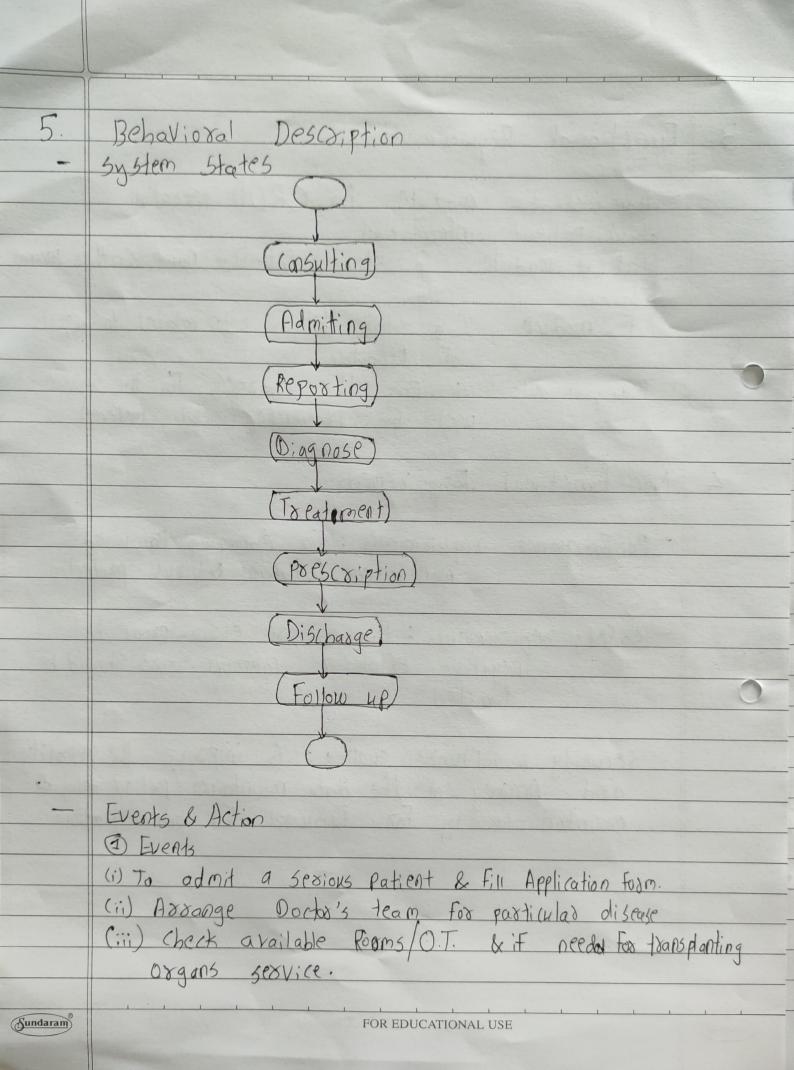
W Overall Description Goals of proposed system.

O Planned approach should be there tomoses working so, that data stored should be sufe. @ Accuracy of the proposed system thust be at high level so that information provided by system must be allegate. @ These should be no Redundancy & high Reliability in proposed system so that things doesn't repeat. For Eq. patient name or medicine etc. @ Also, The system must be easy to operate. S Envisonmental Characteristics 1. Hardware - 0 05 - Win 10 @ Hard disk - 1 TB (ii) Ram - Minimum 8GB ( Keyboard & make - Standard Goal of Implementation - Achieve good quality ratings for there service.
- Improved clinical decision - making for Management section. - Establish your Hospital as technically advanced to avoid problems in procedure for the treatment & service for Health

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3.	Functional Requisements
	- Administration module: Fox CRUD operation about patient information
	- Patient module: To store PatientId, name so ther proceed details
	- lab module: To store details related to reports
	- Billing module: To pay the charges for the service used by patients (including medicines)
4.	Non-Functional Requirements
	- Performance requirements: For managing Password management, Database & Virus protection
	- Safety dequidements: Humans are error-prone but negative effets of common Brooks Should be limited.
	- secusity & software quality: To improve the reliabile and Accuracy of the data maintained (patient data) & maintain security for Password For administrations.



@ Action (i) Admin module - watch appointment of doctors - Watch diagnosis report & also blood bank report (i) Uses module (patient) - View Appointment (with doctor's name)
- View prescription details
(iii) A countant module - (reate invoice For payment - Manage own profile (iv) Nose module - Manage blood bank & update Status - reminders For of changing Saline For Patient (v) Pharmacist module - For managing medicine & other injectables (vi) Doctor & lab module - Greate & manage appointment with patient - Update diagonstic depost like x-tay, (T scan, MRI Manage own Profile

Task3	Design a Kano model Fox requirements explained in Task I
→ ·	Existement attributes  Performance attributes
	Indifferen  Threshold aftributes
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