Assignment no:- 02

### Topics covered:-

· SRS documentation

· Data frow diagram

- Scenario Band model

Date of performance: 26-07-2022

Evaluation  Criteria  Punctuality	Marks (out of 3)	Date	Signature of Instructor
Problem solving technique	2.1	26-07-2022	C
Attainment level (out of 3)	2.1		Commy

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## ANNASAHEB CHUDAMAN PATIL COLLEGE OF ENG

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### Assignment 40-02

Page No.: OC Date:

- Q.10 SRS (Software Requirements specification (SRM) Document format CIEEE
  - => . Barically SDs or Software requirement specification is an office document or ty statement of what ty system developen should implement-
    - · in included 60th:
      - . System requirement
      - · User Eequinoment
  - . This ses has a set of user of users like senjor management of the organization, engineers responsible to developing the Softwar.
  - · THE destails which are include in SPS depend on to Hire of system that 60 60iPH developy and to tope of the usual promot promo
  - · A Mo. of lame organisation, such as a IEEE have defined Standards for software Equirements document
  - The mostly widely any stundary 10 IEEE / AMIL -830-1991 Two standary suggests the following streather for Equisement document: did and in the sequestion of them is the sequenced
    - I) Introduction
      - · purpose of sps
      - · Scape of product
      - Definition. (acronym, as existing

ANIACALLER CLINAMANI DATH COLLTY'S

· Reference of toomaciza

### 2.1 General destiption

- · product · perspective
- · product function
- . Un characteristis
- · Grenty constrains
  - · Assamption and dependences

Alignia Paristy Graces

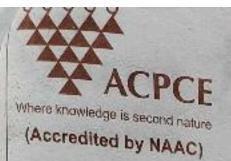
LIST SERVICE COLL

Observations a secretary of the

ator columbia at a

37 Specific requirements

- 1) Appendices
- 5) Indon
- · SAS is ven weth when an outside constructor is developing to Softwar system:
- for Godinan system, where everywhere one unstable isospy an amportant sole.
  - · writing software pequisement specifications
  - · proper software requisement gathering is very important at the start of the software development sonerary it is done of protenial software development
  - . Document is creaty in the sequisement analysis which is denerally returned as Sps. 0
    - , it is tish project deliveracle.
    - . SRs secres the end cure need in certain tormat



## JAWAHAR EDUCATION SOCIETY'S ANNASAHEB CHUDAMAN PATIL COLLEGE OF ENGG.

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Page No.: 07 Date:

# Good spo have accompained to llowing sour.

- It give reed Gack to cutome.
- The large proclam can be divided into different smay componed
- it act input to design while bet is part of design specificant
- it ado as product variation theck.
- · characteristics of an spo
- · Complete: All the project tunctionalities should be recording in sp.
- · Consistent! 'SR's should Ge consistent
- Accurate: SAS define system destunctionally in real world. Lee need to Excosy requirement very contray.
- · modifical : tooked any hieralnical modification should be ayoung in sp.
- · Danky : Requirement should be ranky using without factor vice Sta GIII's secondy, eare or withicut
- · Testagu : The Equipment Should be realistic and are to implement.
- . Traceach :- Every keguisement we must be 466e to uniquey igentity.

# CHUDAMAN PATIL COLLEGE OF ENGG. (Affiliated to the University of Mumbai)

Page No.: 57 Date:

.2) · Data flow olayram Explain it.

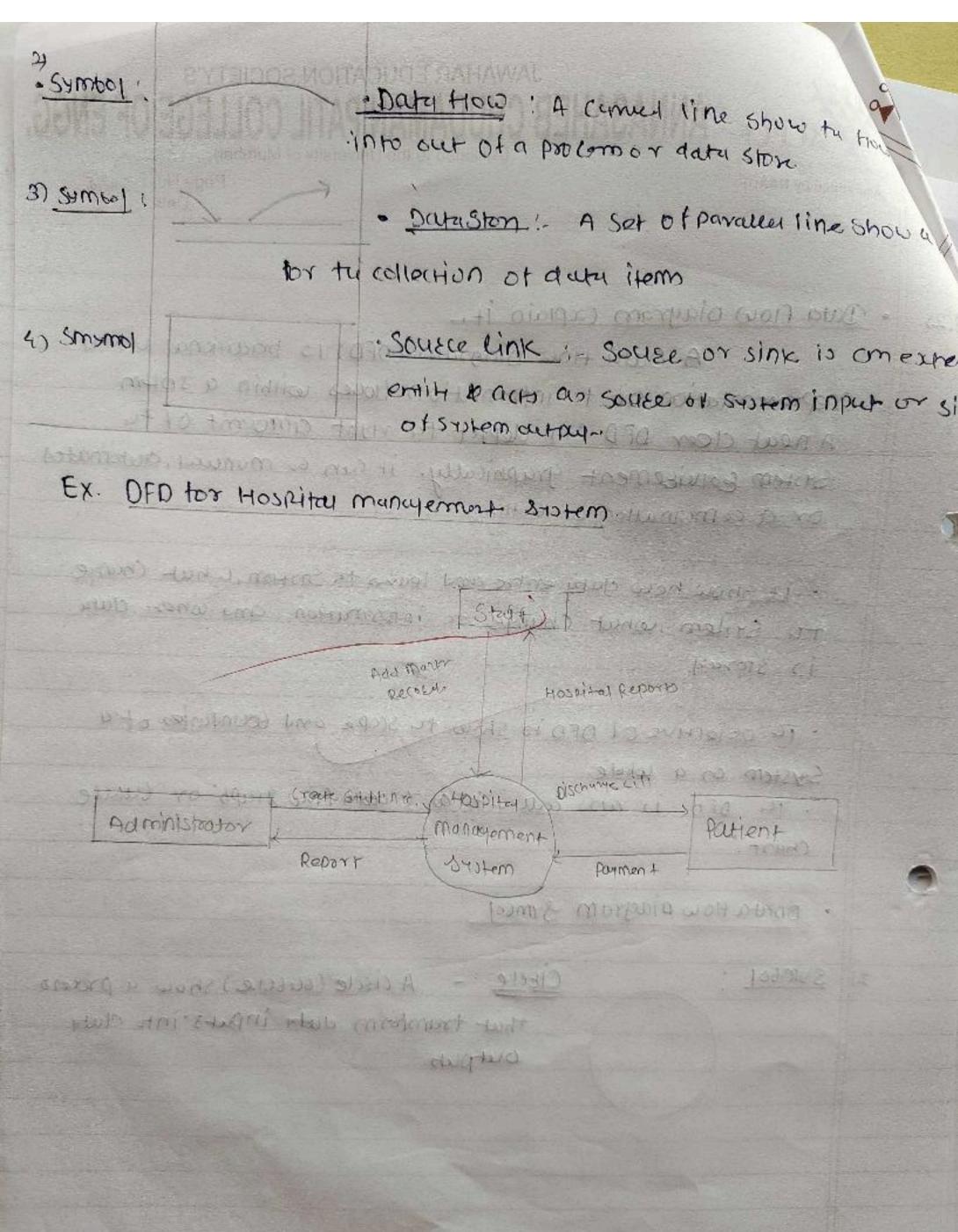
A Data How Diagram (DFD) is traditional visual representation of the intermetted transfer within a statem.

A neat close DFD can depict the right amount of the Statem Exquirement graphically. It can so manual, automated or a combination of soth.

- · it show how data entre and leaves to Stoten, what Change to System, what Change to information, and when data is storage
- The objective of OFD is show the scope and countaries of a system on a whole.
  - . The DFD is also called is as "data flow graph" or bubble
- · poata How plagram symbol

11 Sym601

Circle: - A circle (666612) Show a process
that transform duty inputs into clary
outputs.



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Page No.: 09 Date:

· Scenario Baron model :-

Requirement tox computer - Borey 371 tem can ce soon in many different ways: some sw people argue that what wing a number of different made of representation while other believe that it's bort to soloct one once, of sepresentation

### · Scenario Bazel model

Miny a sconario Bary-apporacy, system is desticed from yours point of view for example Bary and - Cary diagram evolve into more elaborate template-Bary are care

· UMLactivity evices run to-s eliciting requirement a representing them wing use cay . there are

#### . Use Case biagram :

while technically there is no right way to go through the state of Ecquirement modeling it typically beings with scenario Bary modeling to thut's because it identifies the possion use can for the System.

## · Use cure diagram tor Airecine company Application

KEY

LOTER MECHEL OPPORTED . many must supply almost one some than the most supply to the many than the man and the many than the many the many than the many than the many than the many the many than the many WHEN A DAMPER OF WITCHES TO SHOW A CHARGE act and models company Application and a least a mu Confustración de Sparch Hight 19thorn Laguel Photon SAME OF THE STATE OF THE STATE OF THE Buy Alv Jakate Halas | - Vill may NO LAND SHARE THERE 14. State wild a 10-10-10 Teauder the property and the property of the purpose of the - to we and form ment O Grat Bourding ) CAPYLLIC SEP SCL Pan CITY OF OF TAY AND AND and sported published the privation transmissions to sust of ti sun sod Creat & Greenen Head Original MACKE AT 141 MAD HAD WARREN