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" SYSTEM DESIGN & ANAYLISIS

66	SOFTWARE	DEVELOPMENT	LIFE	GUE	77

- SDIC is an aganizational process of system develop & montainance

+ Following are the phases of software DLC.

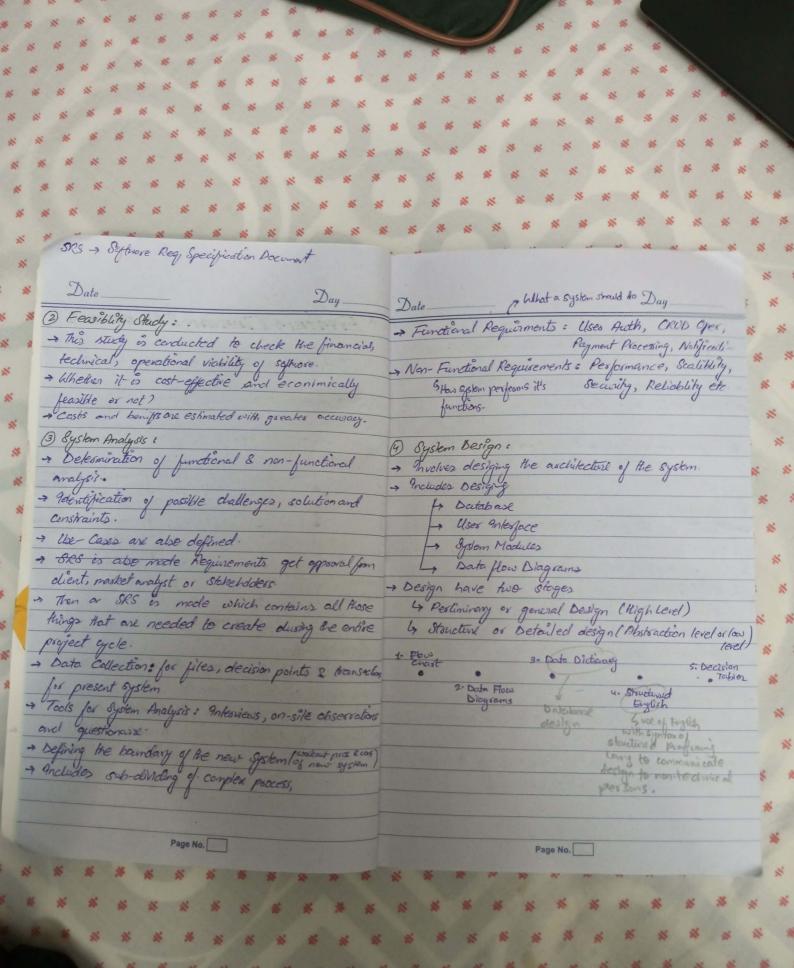
- System Study Feasibility Study Report Fearibility Study Maintanance Software Reg Specification Amplementation System Design Speaker (SDS) Test Plan / Testing Testcase

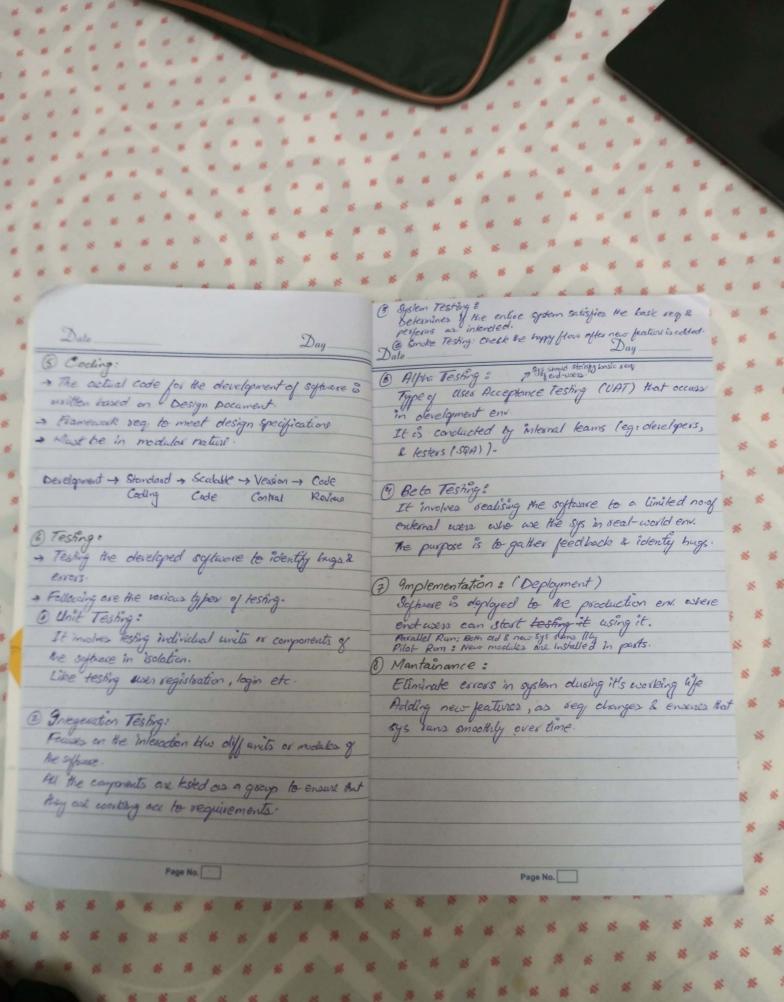
1) System Study ?

4 Understanding system seg. Stokeholders (clients, end-us managers) explain their needs

4 9 there isn't any system, then market research. Adentifying existing problems in current system.

's Clear picture of what actually the physical gystem is

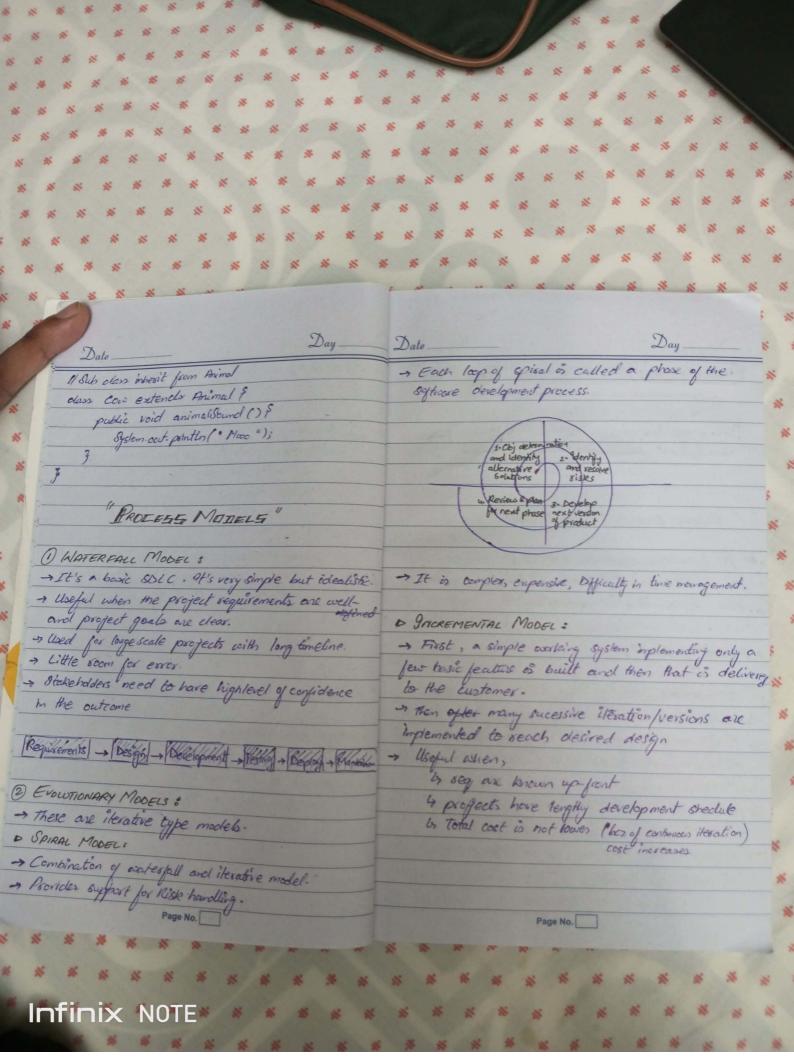


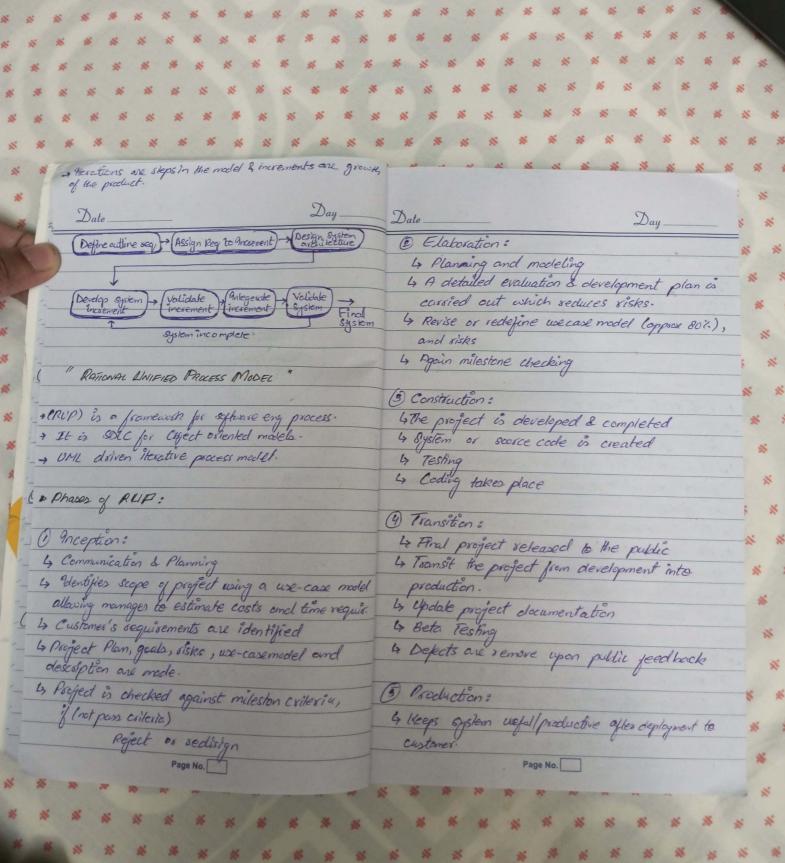


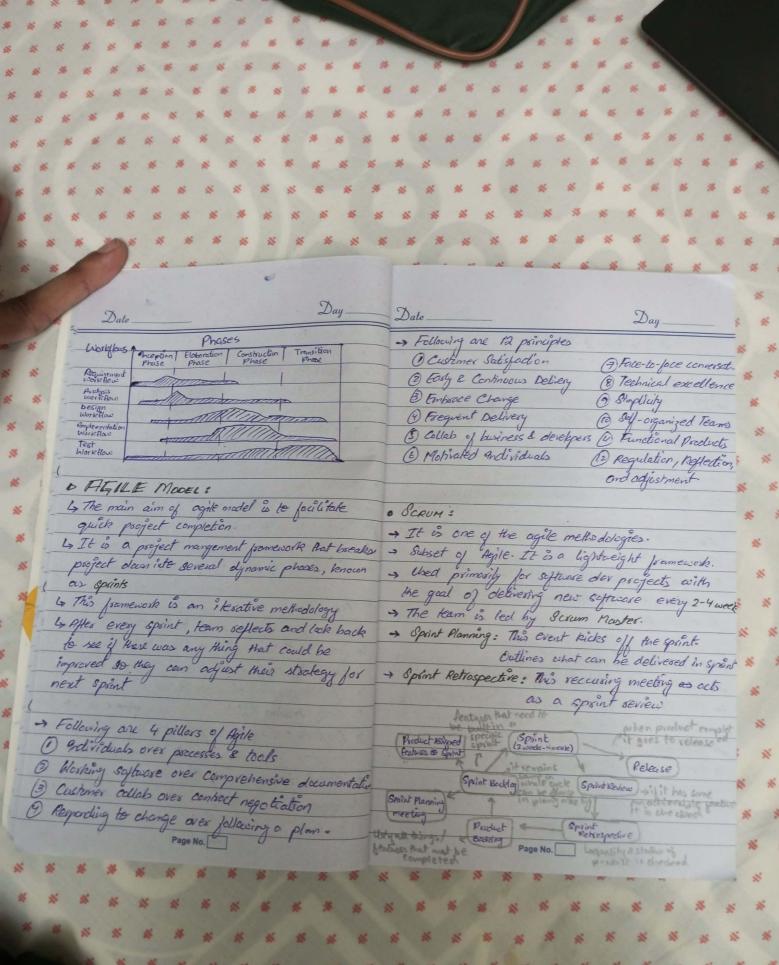
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Day	Date Day S
"ENVIORINNIENT 9N SD"	6) Production:
8	4 When an end-user uses the software, it's running on
1 Development:	production env.
4 First env. in SD which acts as a workspace for	new features can be introduced.
developers. Like VS Code (IDE) 4 No Client Data involved.	4 Full Production data
S R	
2) Testing &	(6) Mirrox ?
4 Used by Quality Assurance Engineers.	43 Replica of production env
4 This env is created by allocating storage, computing & other	4 Developers & QA performs bug fixes or lesting that
resource need for testing.	would be visty in production.
5 No Client Data Envolved.	
3) Otrain Favirante	" OBJECT. DRIENTED ANALYSIS & DESIGN"
(3) Origing Enviolament:	2 A(°)°/ 6 4
4 Used by QA and/or clients for UAT 4 Limited Production data	-> Ability to thoroughly sepresent complex relationships
6 You reveal the Eftime to immediate owner but not the	-> OCAD systems development life cycles
wers	(Analysis Phase + identifying entities objects & their relationship
	· Model of the real world application is developed
(9) Pre-Production &	Showing its imp properties
4) It is the copy of production env.	· Model specifies the functional behaviour of the system
to It allows you for teach lately !	Graphy the functions & altitudes (uses : rame, id, get thatherticated)
pushing it to production.	
	· Analysis is refined & adapted to make
Page No.	> System Design: Concerned with overall sys carchitecture
	* Object Design: Amplementation details are added to sys design.
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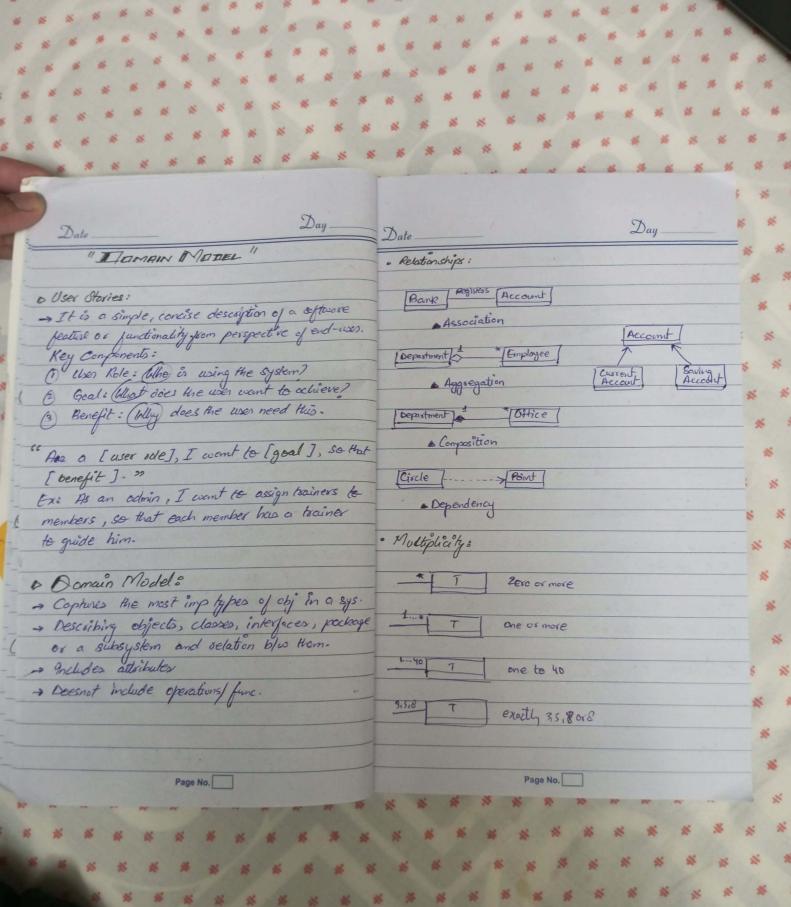
Infinix NOTE

System-out-println ("my-by:" + (subt subt) Program is long or 3 System-out-println ("my-by:" + (subt subt) South objus. Neek # [I] Public class Main ?	* * *	
Date Programmentation Mase Design is implemented their programing long or NEER # ALL Constructor: public class Main ? int oi: public Main () ? a = 3 * 3; int ty; int ty; voich Setrophylintry, inthy)? Main myChj = new Main (Stringly) int ty; public static void main (Stringly) public static void main (Stringly) Abstract; Physical setrophylintry can be added here if needed. Abstract class Animal? Public distract void on immal sounce public void stepped ? System. cut. printlin ("2222") Sub subtraction = new sub();		
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