Assignment CSE1005 software Engineering

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VIT AP Online Examination system

what is UML-Diagrams?

An UML-Diagram is a diagram based on the UML Unified modeling languages) with the purpose of Visually suppresenting a system along with it's main actors, roles, actions, artifacts, classes in order to better understand, alter, maintain or document information about the system.

Types of UML - Diagrams:

→ class diagram

requence diagram

Use-case diagram

- Activity diagram

- ER - diagram

-> DFD diagram

UML Diagrams of online examination system

Class Diagram:

The class diagram for online examination system shows the structures of information or data that will be handled in the system.

This class diagram was illustrated with 3 partitions

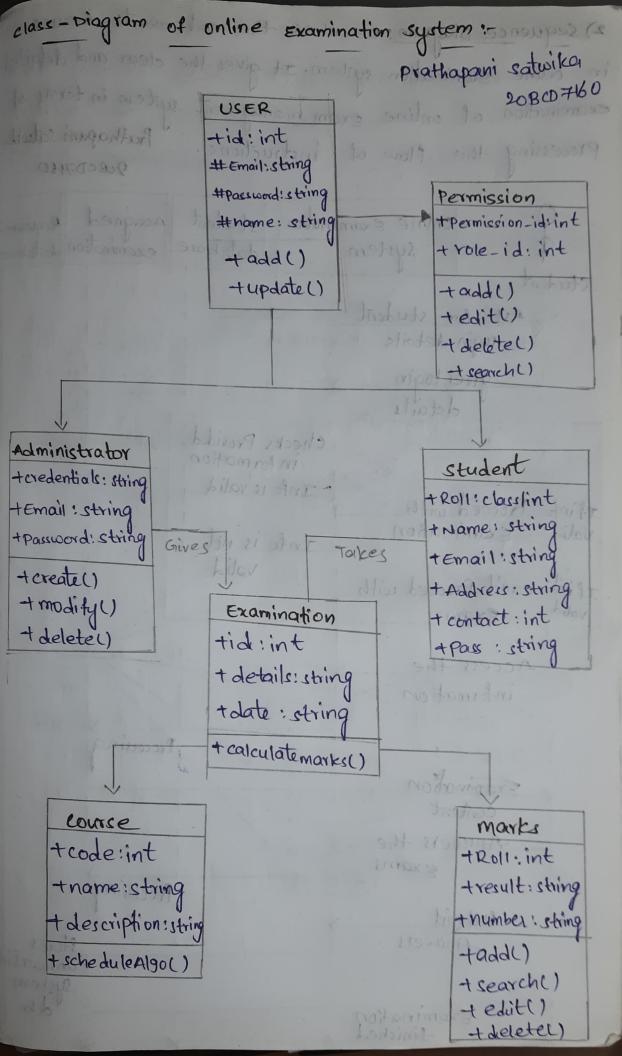
Partition 1 -> contains the class Name

· Partition 2 -> contains the attributes in class

· Partition 3 -> contains the method of classes we use arrows to represents their relationships.

und programs of orline Examination System

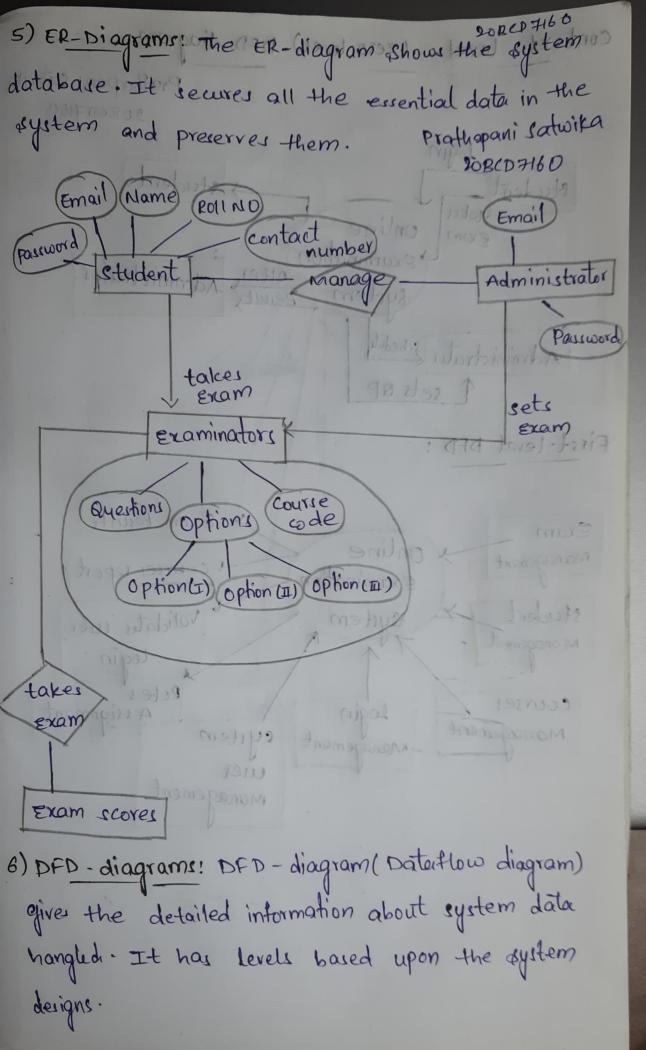
per of UML - Diagrams;



2) sequence Diagram: Describes the ends events occurs in online examination system. It gives the clear and detailed examination of online exam management system in terms of Processing the flow of instructions. Prathapani satuita 20BCD7160 online examination student Assigned Requirement A system database examination database Student Ask for student ogin details gives login details Checks Provided rotostaininal information Student Info is valid If into Proceed with valid Examination Into is not valid () stoors 1-If not can't Proceed with Examination Access the Frids : 2/idab t information frida: stabt Processing Examination content - 90ns33 Answers the mi: short exami Processing Submit Coly Ancwers Stores answersin gystem examination finished

3) use case Diagrams: use case diagram supresents the process of the Examination system. It will describe the main or generallspecific use coures of the Examination system. In orthing Rathapani catwika 20BCD7160 Enables Questions Interaction controls the Enable the Information Add set the Question Question update login Include delete Examination 7 Odit Question Duestion update delete cupmit ANIWER view results

4) Activity diagram: It is used to show the interaction of the user and the system, also helps us to avoid, the flow. Prathapani Satulka 20BCD 760 Administrator online-Examination etudent system Interaction Student Administrator system validate validates login Validate Privalid Yes login relect course code select the course code create Questions view paper Take Exam Final NO res paper submit exam After the send to Papel data base view Results 1 logout



level - (zero level) DFD diagram Prathapani satuiko 20BCD7160 students take online exam examination System Administrator schedule sets ap First-level DFD Exam Result Exam online management courses report examination Validates Student system M anagement Poles courses Assignment Login Management system Management wer management (morph sallisting) (morph) - 771 12morports the detailed infirmation and led. I-f har forest round ribon - ine

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