

Assignment - 04

Roll no :- 43236

Title:- prepare analysis model flow model

Objectives:- 1) To indentify analysis classes and assign responsibility

2) To draw analysis class model

3) To implement analysis class model diagram.

prerequisites:-

1) Ubuntu / Linux Os

2) Any UML tool

3) Eclipse with java ADT

Theory:-

class diagram:-

The class diagram shows the building blocks of any object-oriented system. They depict the static view of the model or part of the model, describing what attributes and behaviors it has rather than detailing the methods for achieving it.

classes:- A class is an element that defines the attributes and behaviors that an object of that class is able to generate. Classes may also contain definitions of constraints tagged value and stereotypes.

Interfaces:- It is a specification of behavior that independent classes to need it allows the system to treat non-related elements in same way.

Associations:- It implies two model elements have a relationship usually implemented as an instance variable in one class.

Generalizations:- It is used to indicate inheritance. It is drawn from the specific class to the general class.

Association classes:-

An association class is a structure that allows an association connection to have operations and attributes.

Tracing:- It is a special kind of dependency, linking model elements the same 'idea' across models.

Conclusion:-

Thus we have thoroughly studied and implemented the analysis class model class model diagram.