Object Oriented Analysis and Design Lab

Experiment 2

Introduction of UML tools

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Available Tools:

1) Adobe Spark

Adobe Spark is a flowchart software that helps you design customized and streamlined flowcharts. It also allows you to save and share your flowchart diagrams.

2) Edraw Max

Edraw Max is a UML builder software that helps you to make diagrams using ready-made symbols and templates. It allows you to import your drawings to file formats such as PDF, PPT, Word, HTML, etc.

3) Moqups

Moqups is online tool that enables you to make flowchart, and UML diagrams with minimal effort. It allows you to drag and drop shapes to visualize any flow.

4) Lucidchart

Lucidchart is HTML-5 based UML tool which also offers real-time collaboration capabilities. It is one of the best UML modeling tools that allows you to create a simple flowchart to complex technical diagrams.

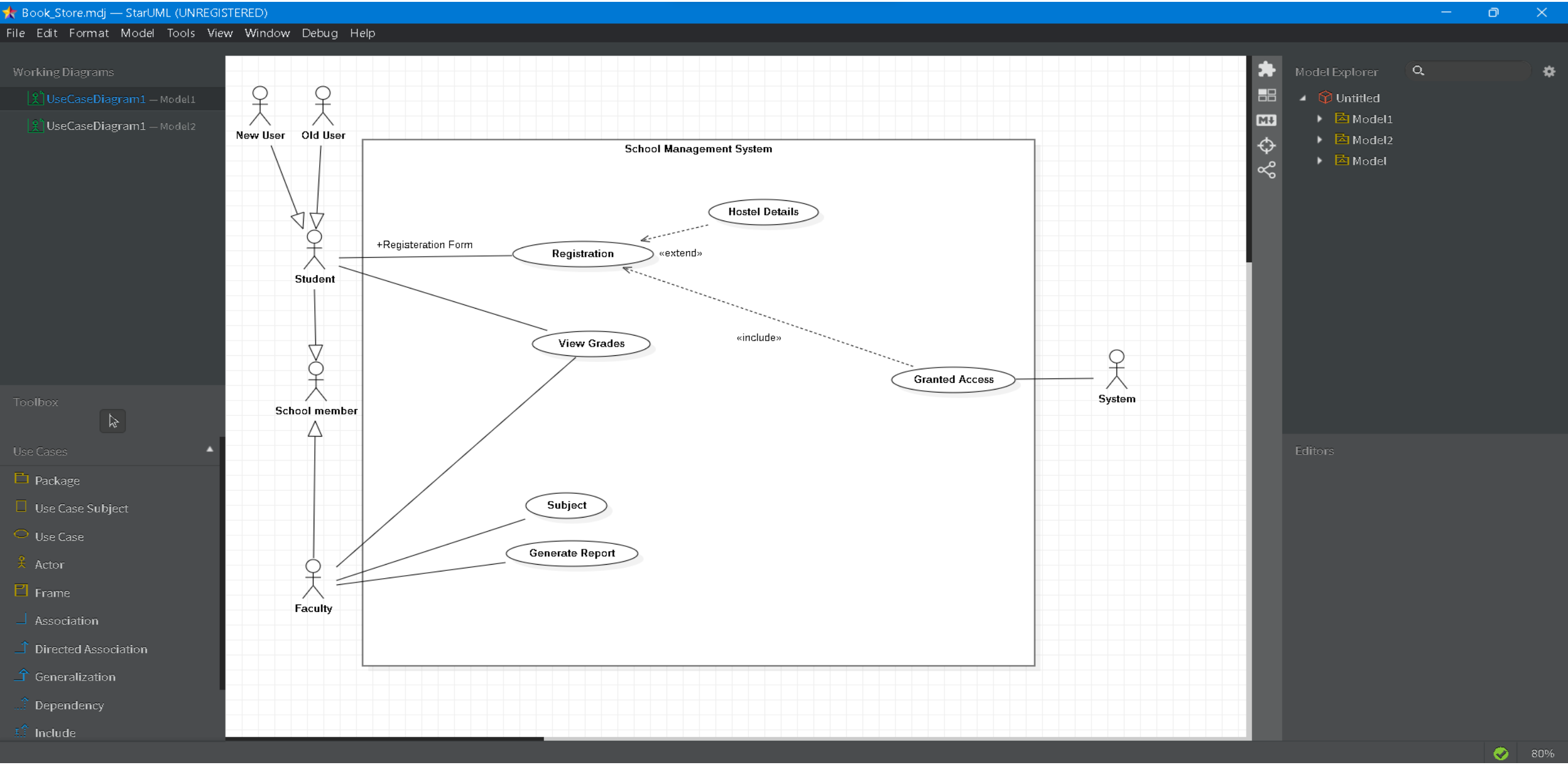
5) StarUML

StarUML is a UML diagram modeling tool. It is one of the best UML software that provides eleven types of diagram. StartUML 2 is compatible with UML 2.x versions.

StarUML

I have opted for starUMl because of its features mentioned below:

Features:

- Allows you to create Object, Use case, Deployment, Seque3nce, Communication, Activity, and other Diagrams.
- This UML diagram software allows you to discover and install third-party extensions.
- Work with same UX in multiple platforms including macOS, Windows, and Linux.
- No limit for using this commercial software for evaluation.

Example: Use Case Diagram of School Management System