Use case for Compare Diagram

## Brief Description

This use case portrays comparison of two diagrams in turn generating a report for the user.

## Actors

### User

 The user is the actor who invokes the comparison and reviews the report.

## Preconditions

* There is an active connection to the system
* There is at least two diagrams to be compared
* The user is currently logged into the system

## Basic Flow of Events

* The user selects two diagrams and clicks the compare button
* The system performs the comparison after parsing the selected diagrams
* The system generates a comparison report and displays it for the user
* Use case ends

**Alternative Flows**

* The user tries to compare without selecting the pair of diagrams. The system pops up an error asking the user to make appropriate choice

## Post-conditions

### Successful Completion

Report is displayed for the user to review followed by the promote diagram use case

### Failure Condition

No report is generated and takes the user back to start again