

## UML Use Case 01 – Shape Report

<b>Use Case Number</b>	01
<b>Application</b>	2D Graphics Engine
<b>Use Case Name</b>	Shape Report
<b>Use Case Description</b>	The actor can view a report on the shapes currently being rendered and is able to choose the filter and sorting order.
<b>Primary Actor</b>	The user of the program
<b>Precondition</b>	None, actor can still view the shape report even if there are no shapes
<b>Trigger</b>	The actor selects the file button and the “Open Shape Report” button to view the shape report.
<b>Basic Flow</b>	<ol style="list-style-type: none"><li>1. Actor selects the “File” tab.</li><li>2. Actor selects “Open Shape Report” button.</li><li>3. Actor selects how the report is sorted.</li><li>4. Actor selects whether it is listed ascending or descending.</li><li>5. Actor can see the desired report.</li></ol>
<b>Alternate Flows</b>	<ul style="list-style-type: none"><li>• If there are no shapes, the shape report window will still show up as normal and the user can edit the list order and sort however since there are no shapes, the table will be empty.</li></ul>