This report outlines the specific roles designated to team members regarding the Clevis project. In assigning the REQs to team members, consideration was given to their skillset, iteration of workloads, and other areas that relate to their grouped assignment. The intent of the REQ assignments was to minimize redundancy in work efforts, utilize a team-based approach, and create optimal efficiency in relation to the REQ specifications.

Oscar has been assigned a few of the functions that had a responsibility to do with system logging, deletion of shapes, and the use of external functionality. Oscar's discretionary work function was mainly TAking care of REQ1, which states that all activity done in the Clevis session will be logged to an HTML and TXT file output. Oscar had to add to note this writing to make sure activity was logged in a format to resemble, at some hold a level of consistency, the same the by adding the structures to the report and maintaining timestamp In the output file for both the HTML and TXT file.

Next Oscar was assigned REQ8 - deletion of shapes. Oscar was then looking at aspects of logging that were associated with lesion of an existing group or type of shape, if, through the action of delete a shape the shape or group of shapes retaining its structure and logging the shape list of shape types retained in the shapes internal list.

Oscar also prepared the groups only documentation, which was the project report (summary) and his personal reflections of his learning experience. Overall Oscar took the conditions to make, not only help the implementation of his work at a high quality, but to make it portable to a professional presentation.

Tseung Cheuk Kit's work was mostly doing manipulations of the existing shapes or gathering information that was requested by the user. Tseung Cheuk Kit also moved the project forward by fulfilling REQ10, which was to create modifications of

coordinates for each shape, so that they had to move to a new location. Tseung Cheuk Kit had to manage with shape involved whether during REQ10 the shape was primitive shape or not, or a group of shapes.

Tseung Cheuk Kit completed REQ13 and REQ14 which were to outline and list a shape and to categorizing all the shape in the system. All of these lettering had to be functionally documented and presented in a manner, so if appropriately logged. If time permits, Tseung Cheuk Kit will elaborately fulfill the extensible functionality of Bonus 1 and Bonus 2, while maintain logical presentatation beyond purely satisfying REQ conditions.

So Lok Hei Daniel - Grouping Procedures, Bounding Box, and Geometric Queries

Daniel was assigned a few of the more mathematics involved REQs. Daniel completed REQ6 and REQ7 grouping and ungrouping function. All of these implementations would require relatively complex understanding of relationships of shapes, hierarchy of shapes and understanding the implementation of operform on a group, mostly likely a group of shapes.

Daniel also complete REQ9 whereby Daniel was calculating the bounding box of a shape or of a group of shapes. Daniel for REQ9 is doing geometric calculation across multiple shapes at once.

Lastly Daniel also completed REQ11 and REQ12 respectively checking if a shape or a group of shapes had a point inside the shape, and if two if two shapes overlapped. Each of these procedures had a significant logic or reasoning implement to do higher level geometry within in order to make the proposal realized. Would be high geometry based on what geometric shapes we identify they.

Team contributions:

Tseung Cheuk Kit (24132668d):25%

Cheng Chun Ngai (24094912d):25%

So Lok Hei Daniel(24102213d):25%

Lam Tsz Chung Oscar(24081241d): 25%