EECS 4313 ACTIVITY NAME Final Project

PROBLEM REPORT # 1

PROGRAM ThumbnailatorUtils.java RELEASE 0 VERSION 0.4.20

REPORT TYPE (1-6) 3 - Suggestion SEVERITY 3 - Minor ATTACHMENTS

IF ATTACHED STATE

PROBLEM SUMMARY The method isSupportedOutputFormatType(String format, String type) contains redundant conditional logic. Specifically, one of the conditional branches

CAN YOU REPRODUCE THE PROBLEM? Yes

PROBLEM AND HOW TO REPRODUCE IT As identified via manual inspection and code coverage analysis, the second condition of the second branch unreachable.

SUGGESTED FIX (optional) Simplify the logic by removing or refactoring the unreachable condition, like removing the redundant `type != ThumbnailParameter.DEFAULT_FORMAT_TYPE` condition in 2nd branch.

REPORTED BY Group F DATE 4/7/25

FOR DEVELOPMENT TEAM ONLY

FUNCTIONAL AREA _____ ASSIGNED TO _____

COMMENTS

STATUS _____ PRIORITY _____ RESOLUTION (1-9) _____

RESOLVED BY _____ DATE 4/7/25

RESOLUTION TESTED BY _____ DATE 4/7/25

RESOLUTION VERSION 0 TREAT AS DEFERRED