# BTPR2053 Fundamentals of Image Processing

# Group Assignment

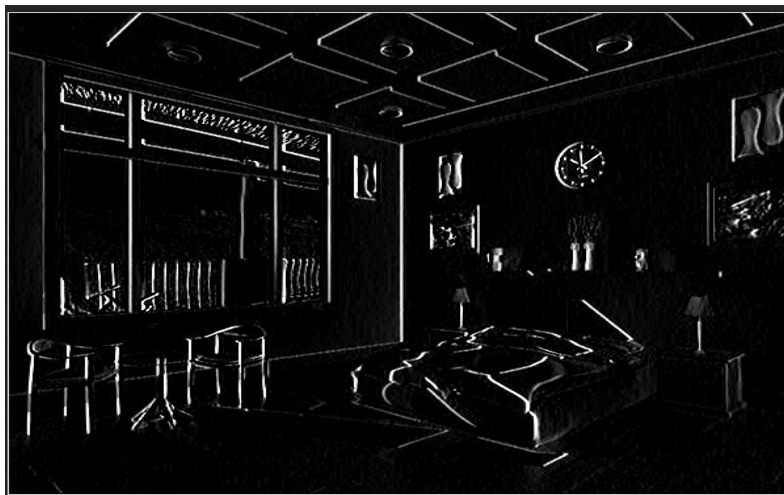| Name | Tam Kah Jun | Verenika Jesica |
|---|---|---|
| Student ID | B160055A | 9B160153C |
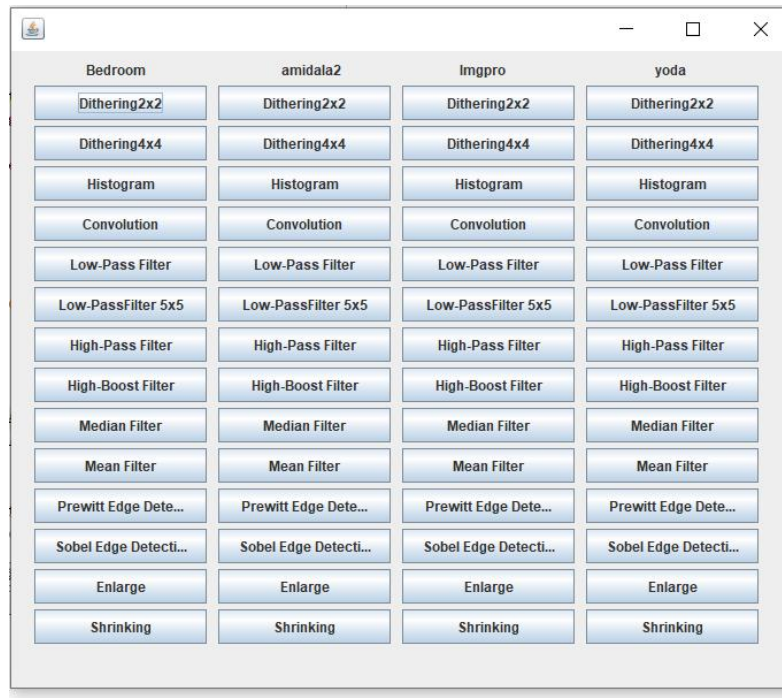
UI for the project.

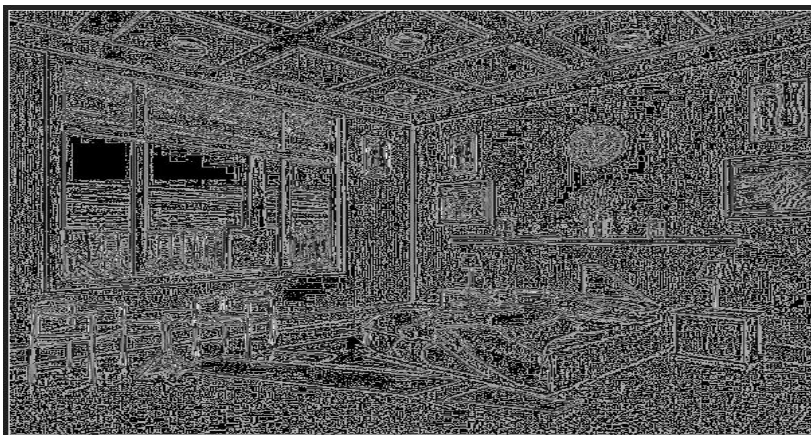Original Image



Convolution



Dithering 2x2

Dithering 4x4



High Pass 3x3



Low Pass 3x3

Low Pass 5x5



Median filter



Histogram

Shrinking



Mean Filter



Enlarge

Edge Detection Prewitt Operator



Edge Detection SobelGradient