

CHAPTER 3

RESEARCH METHODOLOGY

This research is divided into 4 parts, namely:

3.1 Research Data

This is the phase to find references through journals and the internet to get an understanding and reasoning about image fusion using the weighted method.

3.2 Implementasi

In this stage start to make code for this research. We use java programming for this study using the weighted method and brightness and contrast parameters, while the histogram uses the python jupyter notebook programming. Display this program continued using the GUI.

3.3 Testing

This process is a process of testing a program to combine the same image into one better picture. Testing is done after the images are successfully combined using a weighted, and the results are analyzed using a histogram.

3.4 Analysis

At this stage what is done is to analyze the weighted programming based on references from journals. And also analyze the combined results of images that have better histogram graphics.