CHAPTER 3
RESEARCH METHODOLOGY

This project will do some steps to complete this project. It is started with:

a) Literature Study:

The first step of this project does a problem's identification. Starting by searching journals that are related to the topic. Then reading journals from Jason Clark about “Developing a Digital Video Library with the Youtube Data API”.

b) Problem Analysis:

The second step of this project does analyze the problems. It also analyze key Youtube Data API to connect data from application to Youtube and it's analyze category.

c) Design System:

The third step of this project does make design application using Android Studio, starting from page for box searching, button for category choice, until page for display videos. After that, make application to build apk.

d) Implementation and Testing:

Finally, this project implements the results of the solutions of the problem and then examine the result that have been made.

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2 Jason Clark, “Developing a Digital Video Library with the Youtube Data API”, 2013