CHAPTER 4
ANALYSIS AND DESIGN

4.1 Analysis

This project aims to provide recommendations of the attractions closest to users based on rating. This project uses the Google Maps API to find out the nearest location and featuring tourist information, data obtained from the Tourism Office of tourism. The data used to determine a description and information displayed on the application of tourism such as radius, rating, filtering, the closest location and directions.

Display data using the Google Maps API is done with the JavaScript programming language. Read data stored in the form of txt file, this application using PHP programming language.

So marker appears and the yellow marker shows the location of the current radius and with red marker shows the location of the nearest tourist location that is closest to us. It will pop up the rating button to be used in the selection of the place with the tourism rating, the rating in this application there are two namely rating moderate to high.

Then the selected rating rating were then appearing with moderate rating. There will also be appearing in the form of information shows the results in the form of directions, travel time and distance.

4.2 Desain
4.2.1 Flow Chart

Start

Places data

Display markers in maps

Filter rating

YES

Find Places with selected rating

Maps with places

NO

End

Figure 4.1: Flow Chart
In the flow chart above describe the flow in program about the sight in semarang determine based on ratings by using Gogle Maps. My first determine the tour data in semarang after the data input in the program will appear on Google Maps, both in google Maps will appear some of the sight that are closest to your current location and will appear a red marker indicates the location of the third tour, there are 3 rating consisting of rating 3, 4, and 5 after rating appears select one rating to show tourist attractions that have a rating that you selected earlier.