CHAPTER III
PLANNING OF STUDY
CHAPTER III

PLANNING OF STUDY

3.1 General Description on the System

Below are some of the functions that make this prototype system as a necessity in learning activities and delivery information between in this system.

1. All students automatically become a member or user in this attendance apps and a membership is valid as long as the member or user is still active in university. Each user can be able to get access into the apps to do a attendance.

2. To be able to attend, student do not need to do a manual attendance.

3.2 Schedule

<table>
<thead>
<tr>
<th>No.</th>
<th>Activities</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Planning</td>
<td>May, June</td>
</tr>
<tr>
<td>2</td>
<td>Analysis</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Design</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Implementation</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Maintenance</td>
<td></td>
</tr>
</tbody>
</table>

Table 3.1 Schedule

3.3 System Requirement

- Processor: Intel Core i5 or more
- Memory RAM: minimum 6 GB
- Hardisk: 30GB
- apache2.2.23
- mysql5.5.28
- php5.4.9

3.3.1 User Requirement

- Handphone or tablet with Android operating systems
- Android version minimum Android 4.0 or more
- 2 GB RAM or higher
3.4 **Expectation**

a. It is expected that with the Student Attendance System using a Barcode on Android can help student to make easy to take a attendance.

b. It can help lecture to collect a attendance data because the data is neatly arranged.

c. No need to waste paper to make a list of absences.

3.5 **Location**

For the analysis of obtaining data based on the background of the problem, this study was conducted at the National Polytechnic Institute of Cambodia (NPIC), Phnom Penh, Cambodia.

3.6 **Structure of Study**

**Chapter 1** in chapter one have a introduction there are have background of study, what will be discussed, and what will be analyzed.

**Chapter 2** contains the theory that will be used also there is a data modeling that will be used.

**Chapter 3** contains with software, hardware and system requirement that will used.

**Chapter 4** in chapter four have a analisis, design and implementation about the systems in this thesis.

**Chapter 5** in chapter five have a summary, conclusion and recommendation from this systems.