**Technical Requirements**

Nowadays technology adopted new innovation in which every activity will be spread all over the world. One of this is the creation of BISU Information Hub App for educational purposes.

In order to develop this study, there are three essential requirements that are needed to implement the BISU Information Hub. These are the phone ware, software and people ware. Requirements must be present and work together in newly develop system.

Phone ware is the different gadgets where the user can interacts to the application .It involves in the execution and preparation of the data in the computer. The performance of the mobile phones must be fast enough to accommodate the requirements of the application.

Software is rather referred to as set of processing information. Software is electronically stored and its function enabled the phone to work. Software categorized in two, the system software which is the android based operating system which controls and supports the operation of the computer system and application software is a program that directs the processing for the particular use of computer by the end users. Appropriate software is included in the process for the development of the system.It is the proponent for the maintenance, security, accessibility and performance of the system.

People ware utilizes the advancement of the technology; it refers to the user of the system. It is applied on the development and maintenance of the system. Creativity is integrated in the semantics and design of the system to make it readable and user-friendly.

**Hardware Requirements**

**Smartphone**. The application can be installed to any android phones for at least KitKat with API level 19 to the latest version of android phones, Random Access Memory (RAM) of 2 GB and Internal Storage of 1 GB or higher. The researchers had chosen the kind of specification for the compatibility that makes the application run faster.

**Software Specification**

React Native. The researchers choose React Native for the proposed system in designing and developing application program. It provides different tools and features that would enhance the Graphical User Interface (GUI) and data handling.

Database: MySql. The implementation of this system has the information that is stored in this database which is systematically arranged collection of computer data. MySql can handle and manage a large volume of information. It has the capacity to store and retrieve database information to be able to accomplish and functioning effectively.

**People ware**

People ware refers to the students and instructors in BISU Balilihan who are benefited of the application. The users specifically, who wants to know on

how to use and manipulate the BISU Information Hub app.

Cost – Benefits Analysis

In order to use and enjoy our BISU Information Hub App, user must have to purchase an Android phone to be able to install the application. And since the software is free version, user can install it to any Android phone without any charges.

**Operating Cost:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ITEM | QUANTITY | UNIT | PRICE | TOTAL |
| Android Phone | 1 | Pcs. | 4000 | 2000.00 |
| Internet Data |  |  | 1000 | 1000.00 |
| Bond Paper | 1 | Ream | 170 | 170.00 |
| Sliding Folder | 3 | Pcs. | 12 | 36.00 |

**Interface Design**

Object ID: Form 1

Object Description: Login form

1. GENERAL DESCRIPTION

Input the correct email and password to access the application

program.