

3. SYSTEM REQUIREMENT STUDY

3.1. USER CHARACTERISTICS

The users of the system are HR Manager (Admin) and Interns/Students. Project manager will enroll the intern and will put a track on him/her throughout their internship period. Interns can view their profile and can apply for leave if they want though internship period.

Project Manager and interns should have an android device like android mobile or tablet or other android devices. Organization should have Wi-Fi connection or device should be connected to internet so server can be connected.

3.2. HARDWARE AND SOFTWARE REQUIREMENTS

This application is developed mainly using android.

3.2.1 Software Requirement

- Android SDK
- Eclipse LUNA
- ADT (Advanced Development Toolkit) Plugin
- JDK
- **Programming Language**
- Android Java
- XML
- **Operating System**
- Android 4.3

3.2.2 Hardware Requirements

- ✓ RAM: Minimum 512 MB
- ✓ Processor: Minimum 2.3 GHz
- ✓ Android enabled android phone

3.3. ASSUMPTIONS AND DEPENDENCIES

- Assume that hardware and software requirements are fulfilled.
- Android device must have sufficient space run an application store the data.
- User is capable for specific selection of the options provided by the application.
- User can specify that what input he/she needs to insert.