Requirements Document

1 Introduction

1.1 Purpose

This document describes the software functional and nonfunctional requirements for the version 1.0 of the Chat Without Internet (CWI). This document is intended to be used by the members of the project team that will implement and verify the correct functioning of the system. Unless otherwise noted, all requirements specified here are high priority and committed for version1.0.

1.2 Project features

The CWIwill permit an opportunity to create a point to point connection by Wi-Fi protocol between two android-smartphones and to write messages each otherwithout connecting to the Internet.

2 User Requirements

2.1 Software Interfaces

Java.

2.2 User Interfaces

The CWI will interact with the user through a graphical interface.

2.3 User Characteristics

A user musthave a smartphone with android operating system.

2.4 Assumptions and Dependencies

DE : The system depends on restrictions of Wi-Fi protocol (working distance, network speed).

3 System Requirements

3.1 Functional Requirements

1.The user should create temporary nickname.

2. The user should choose a companion to chat.

3. The user can send messages to companion.

3.2 Non-Functional Requirements

3.2.1 SAFETY REQUIREMENTS

CWI should have continuous Wi-Fi connection for the correct work of the system.

3.2.2SECURITY REQUIREMENTS

No security requirements have been identified.

3.2.3 SYSTEM REQUIREMENTS

CWI must be supported by versions of android 5.0 and above.