

# **Software Requirement Specification**

## **Candy Crush Game**

**Name:Kezang Dorji**

**Enrollment:12190059**

**Courese:BscIT'A**

# Introduction

## I. Purpose

- **Help you to reduce stress by playing candy crush game.**

It is because it is enjoyable and engaging and it provide new challenge which lead to feeling of competence which make us feeling good in a way it reduce stress.

- **Increase IQ of that person**

Playing game can result in a tiny hit to school academy performance but it do not affect a child's intelligence. According to some research, strategies game can increase older adults brain functions, and perhaps even protect against dementia and Alzheimer's.

- **Improve communication and team corporation.**

Game is fun and engaging way of connecting with people and act as an important teaching tool in developing social skills. It also help to develop cooperation skills and supporting skill as players have the option to work together to form alliances and create teams working cooperatively.

- **They ward off symptoms of depression**

Game has been one of the key to reduce symptoms of depression. According to American Geriatric Psychiatry in 2010 has done studies on 19 participants between age group of 63 to 94 year who have been diagnosed with Subsyndromal Depression. They let participants to play game two hours a week throughout the twelve week study. They found out that 86% enrolled participants found significant improvement in depression symptoms.

- **Help you to read and focus**

According to Science Direct studied in 2013 said that playing game help in reading abilities of participants with dyslexia improved at the same rate as 1 year of reading development classes. The rate of improvement matched that of highly demanding traditional reading treatments, which are certainly more time consuming than occasional gaming.

## **II. Scope**

### **i. User Scope**

- My project aim to provide a game that will help you to reduce stress and make you relax for a time being. It can be played by all type of age.

### **ii. System Scope**

- A user can login through facebook and play candy crush game as well as user can login as Guest and play a game.

## **III. Requirement**

### **i. Functional Requirement**

- Start a game
- Login through facebook
- Play as Guest
- Play as game

### **ii. Non-Functional Requirement**

- User-friendly platform
- Responsiveness
- security of the system

### **iii. Software Requirement**

- Operating System:
- Windows 10/8 (64-bit) or ubuntu 20
- Android SDK: Android SDK version 16
- Android Studio: Version 3.0 and above
- Java Version: JDK 8 (Java Standard Edition Development Kit)
- SQLite(Database)

### **iv. Hardware Requirement**

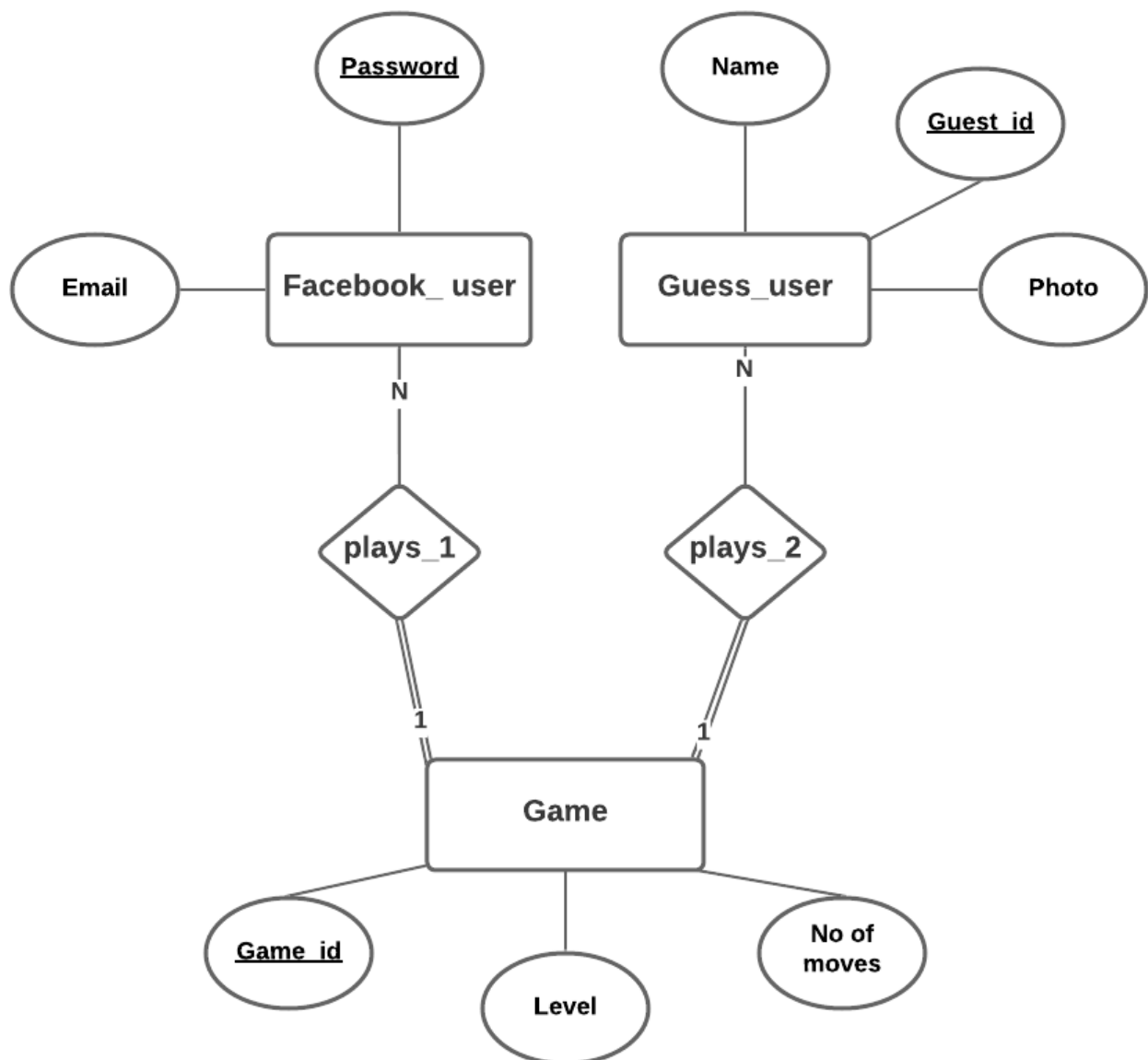
#### **1. Developer Requirement**

- Processor : Core i3 and above
- Disk space : 3GB minimum(8GB recommended)
- RAM : 4GB and above

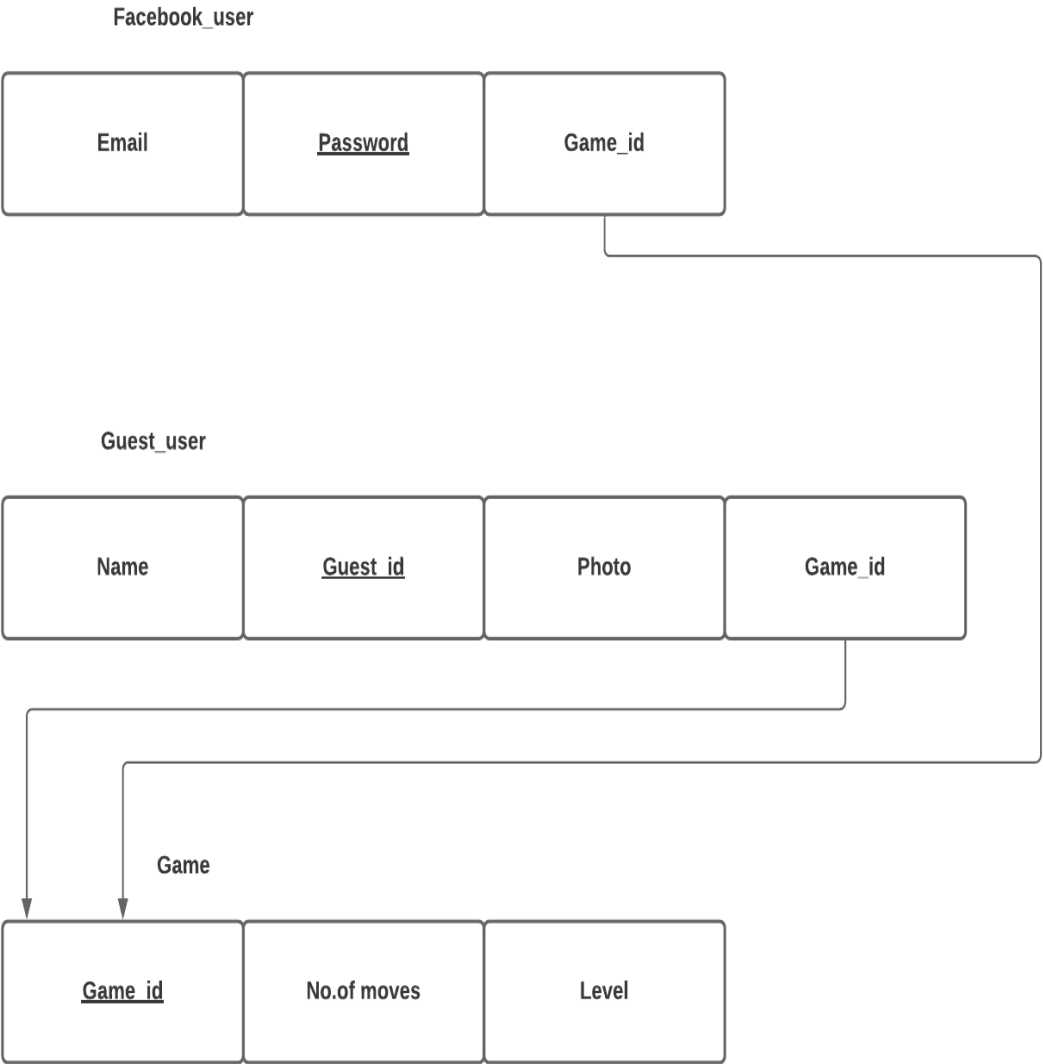
## 2. User Requirement

- Android version 7 and above(nougat)
- 2GB RAM

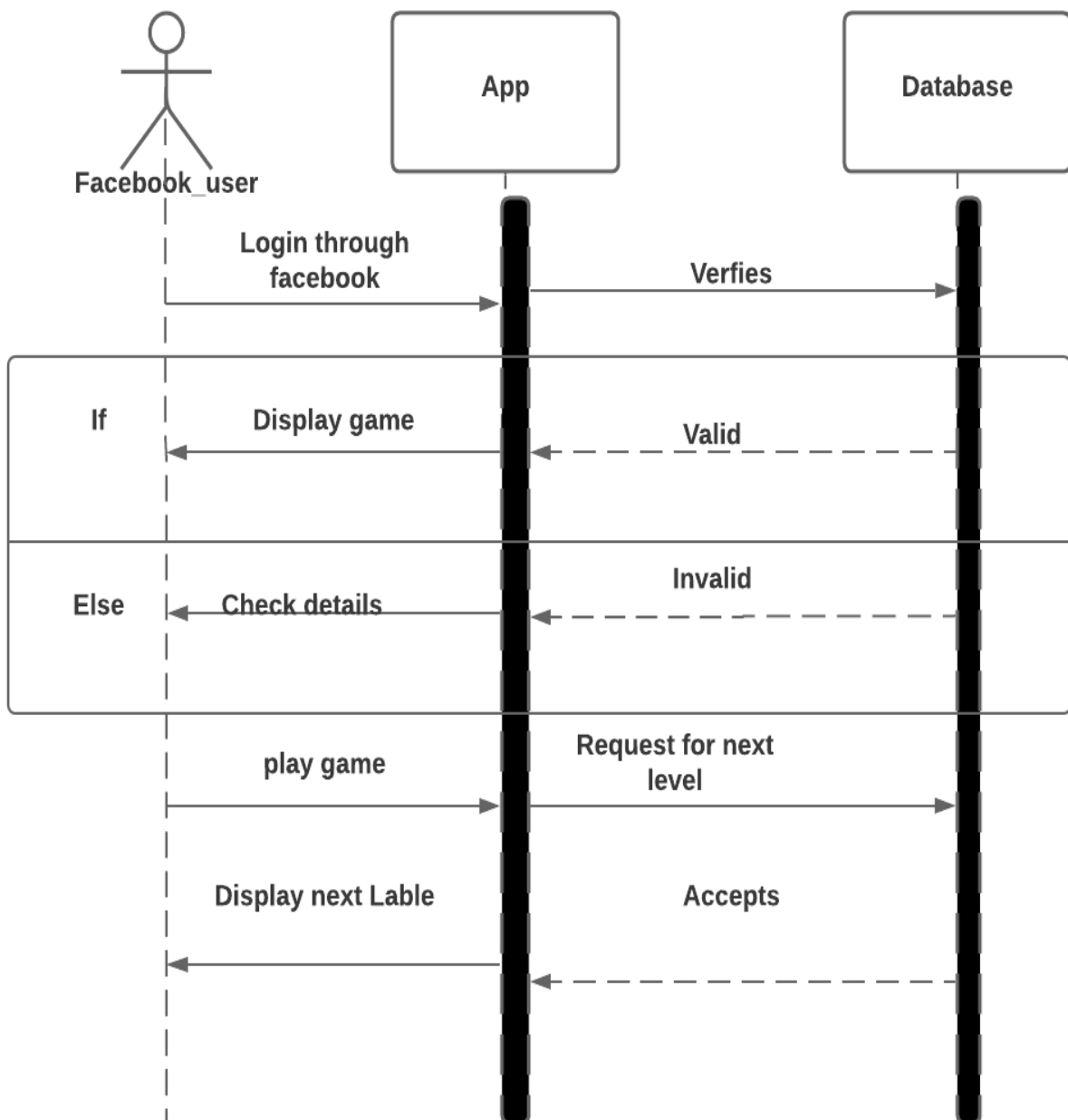
## ER Diagram

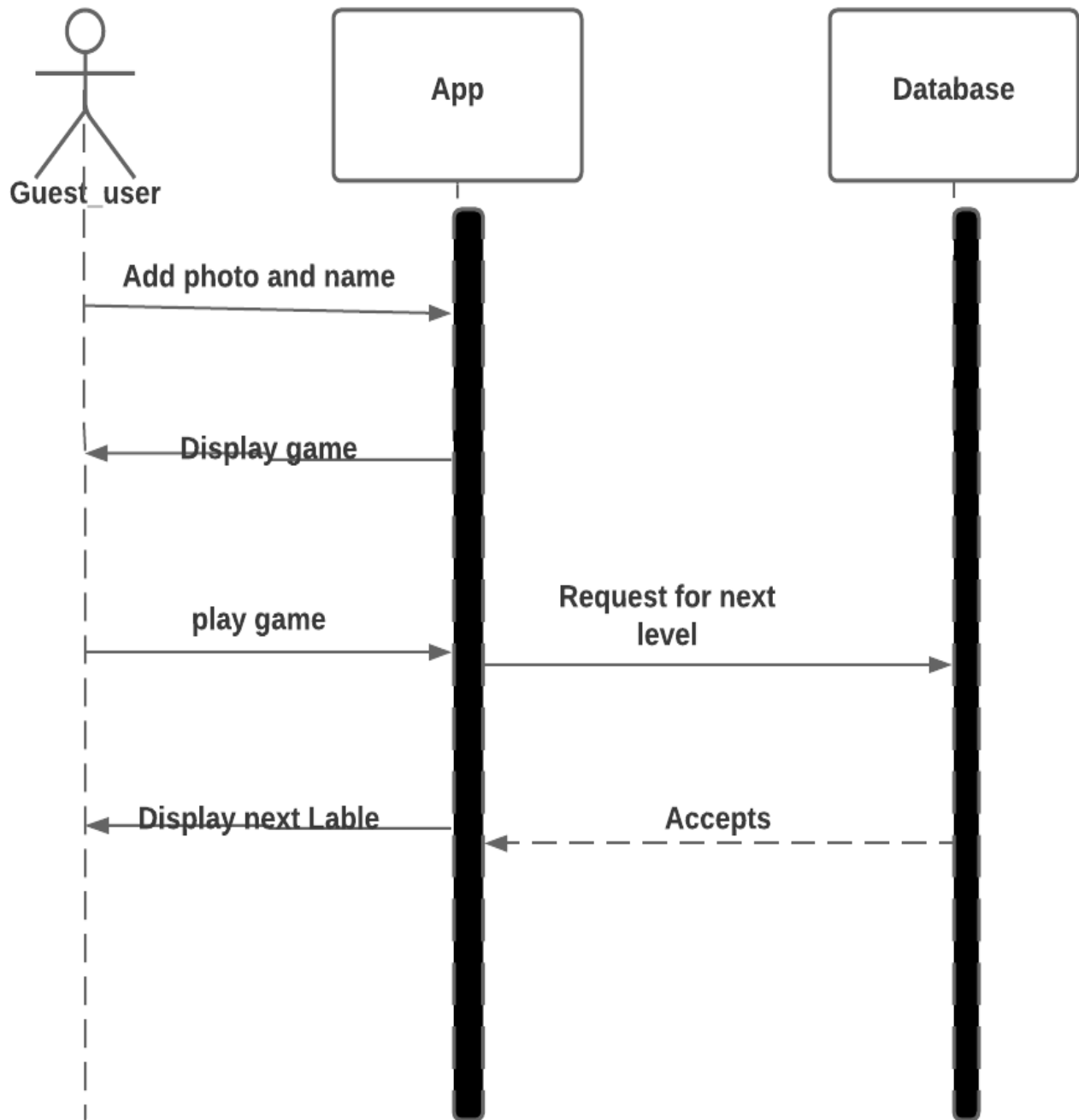


# Relation Schema



# Sequence Diagram





# Use Case

