

Introduction

Purpose

This SRS document done for the development of Free Stories application will give detailed description and requirements to develop the app that will act as a platform where the user can search and read multiple stories as per their interest digitally. This document explains functional and not-functional requirements, interaction with external applications. In brief, this document is to provide all the necessary information that can be used to develop initial system.

Scope

This project will progress based on the aim to develop Free Stories application.

It is necessary to have an application that contains multiple stories both fiction and non-fiction so that the users especially in Bhutan can have effective platform to search the stories up to their interest. Therefore, Free Stories application is one of the platform that will work on the purpose to provide various stories to the users. Through this app the users can improve basic fundamental skills required for literature, personalities and knowledge.

2. Requirement

A. Functional Requirement

The Free Stories app will consist of the following feature:

- Search
The authorized member can use the search option to easily find and read their interested stories that are in the app.
- Font Color
The user can change the text color from the given set of color while reading the story.
- Text Size
The user can adjust the text size of the story with which they are comfortable with.

- Note
Enable the user to collect interesting quotes or sentences from the stories that they read.
- Rate
The member can rate the particular story as per their opinion.

Non-Functional Requirements

- Usability
Free Stories application will be build using graphical interface with clear text and information to make it user friendly where the user will be able to use interface in a short period of time.
- Supportability
This app can be installed and run on any android smartphones. The size of the smartphones will not affect the performance of the application.
- Reliability
Free Stories application will provide easy and fast information while searching for a stories from the search option.
- Performance
Through this app the user can view and read many different type of stories without wasting of time. The user can also search their interested story digitally with the help of smartphones.

Software Requirement

Some of the software and requirement that will be used for building this application are:

1. Android studio version 4 and above.
2. Java version: Java SE jdk 8 and above.
3. Android SDK-25 and above.
4. Operating System- Window and Ubuntu.
5. Firebase: Firebase is a Backed-as-a-Service (Baas) that provides developers with variety of tools and services to help them develop quality apps. Firebase is categorized as a No-SQL database program, which stores data in JSON-like documents. Firebase will be used for this application for managing database as the app will focus on managing server and

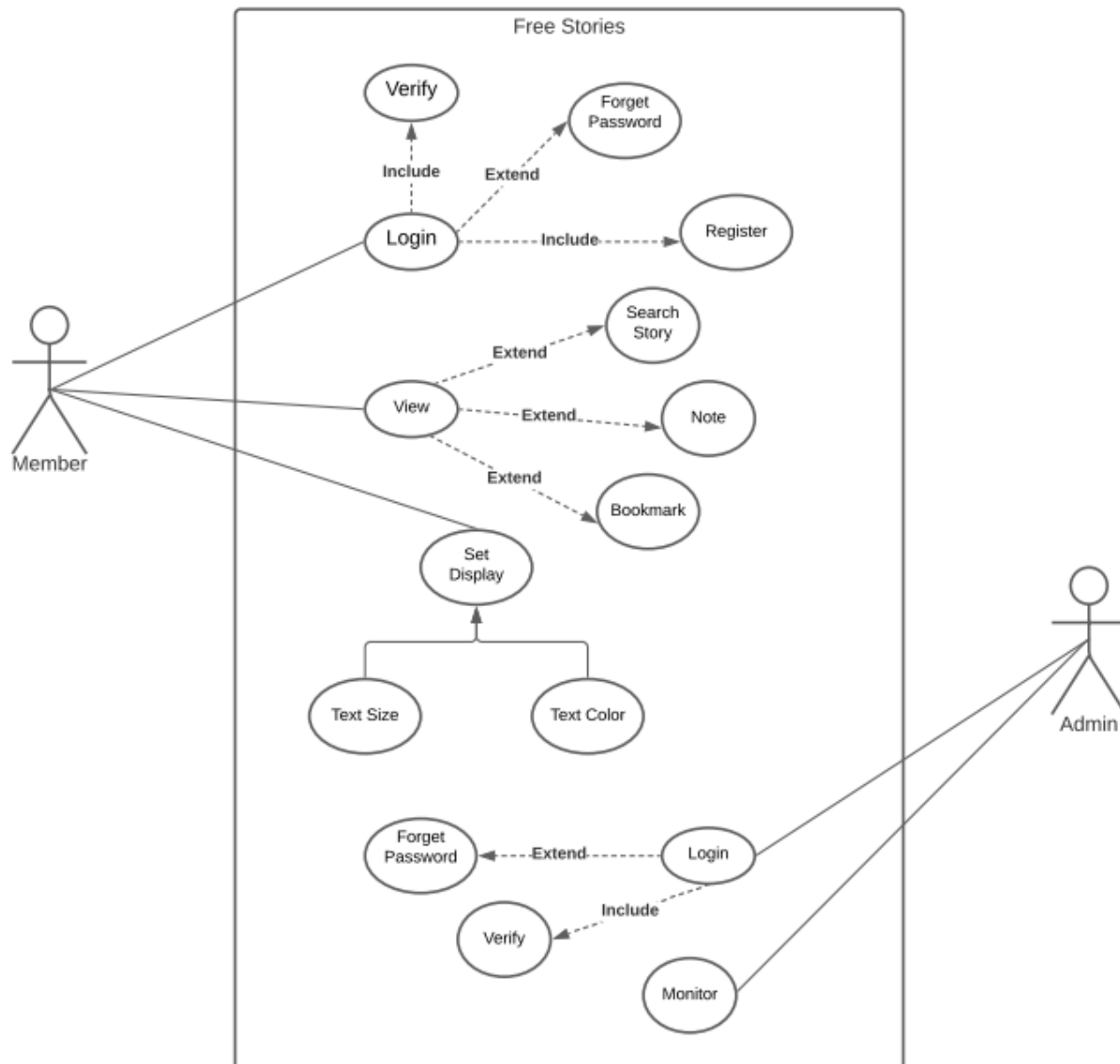
API. Firebase is most appropriate source for managing database for this application as it has built in security at the data node level.

Hardware requirement

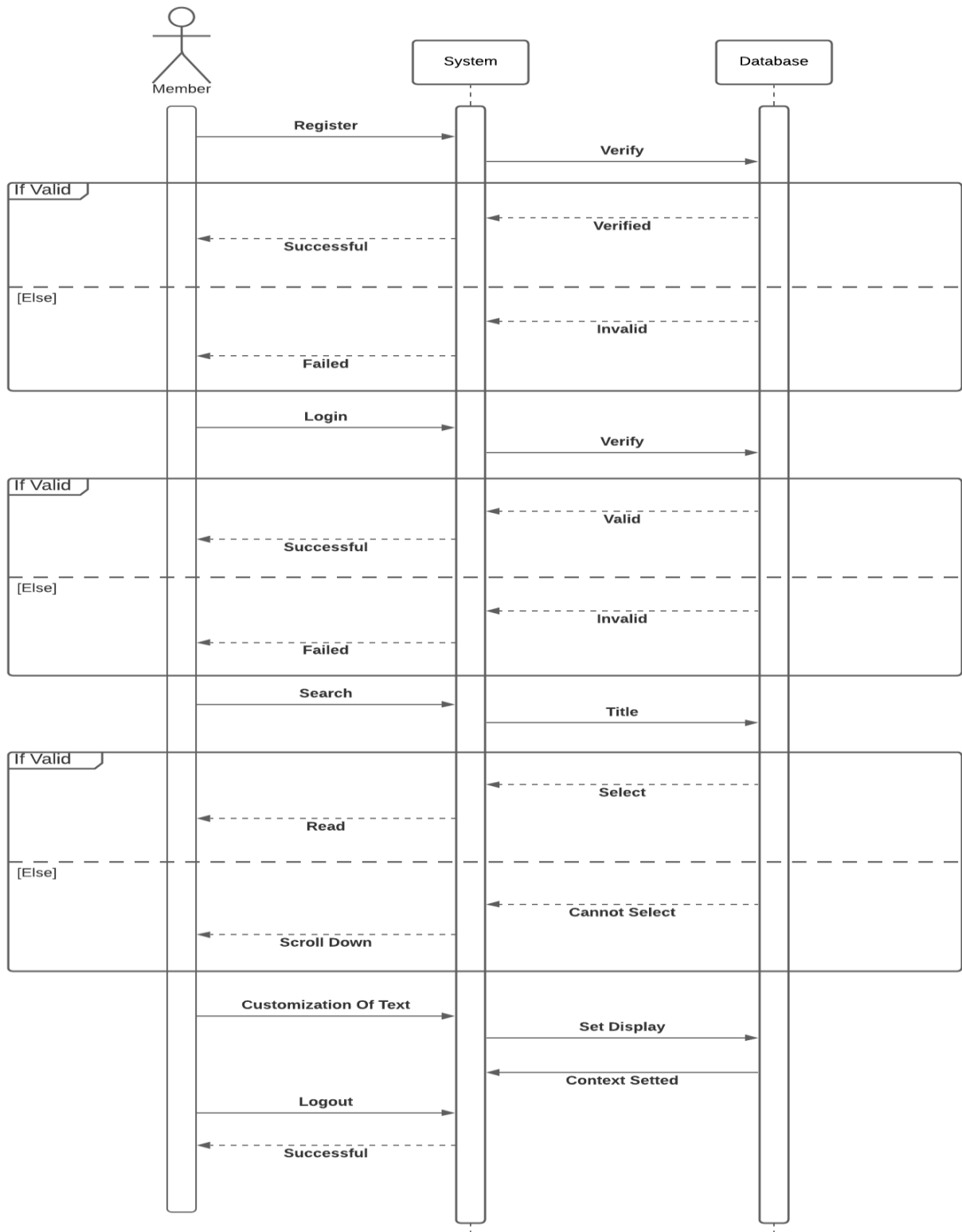
for developer

1. RAM 8GB
2. 2.00GHz*4 processors.
3. Disk capacity :1.0TB

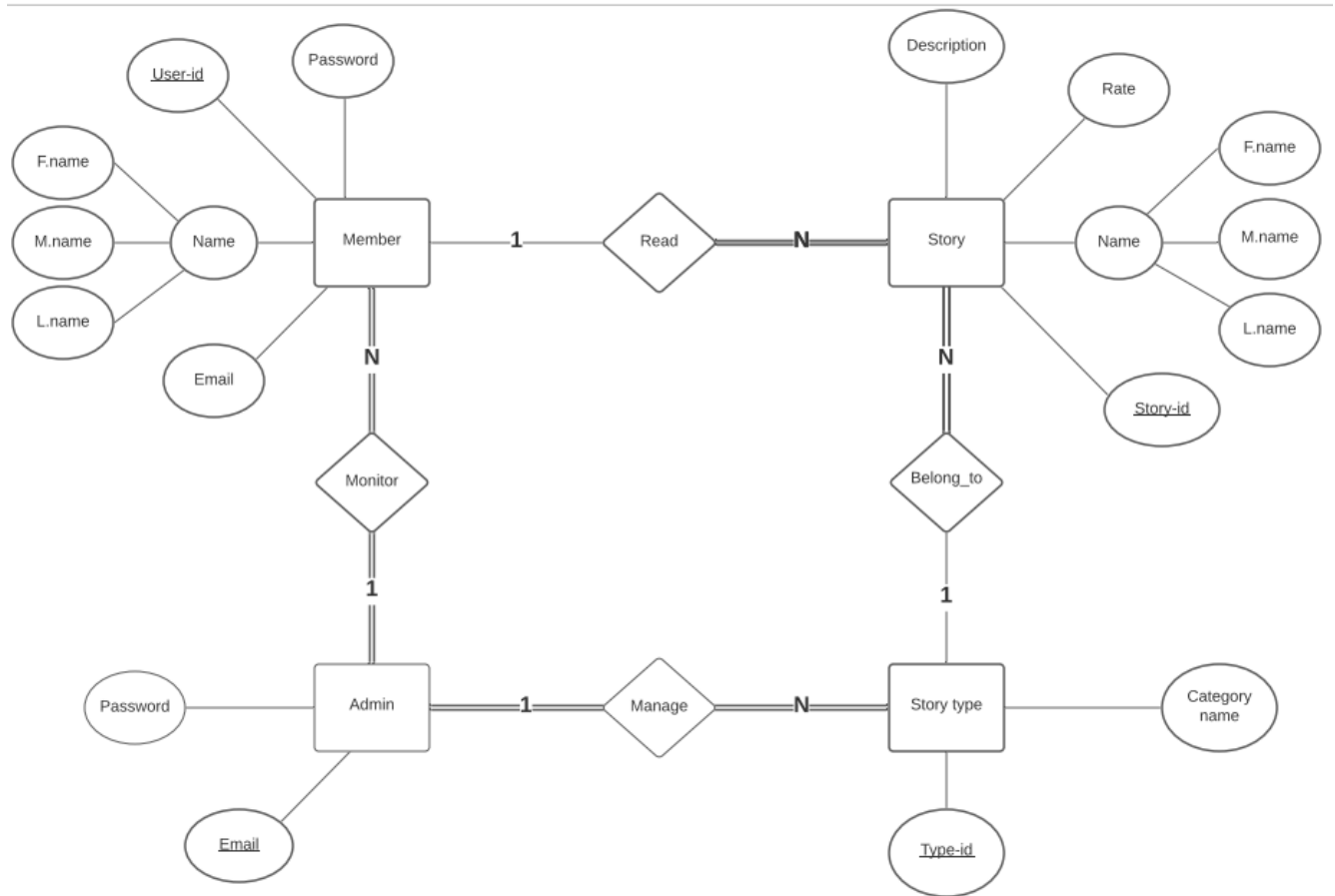
Use Case Diagram



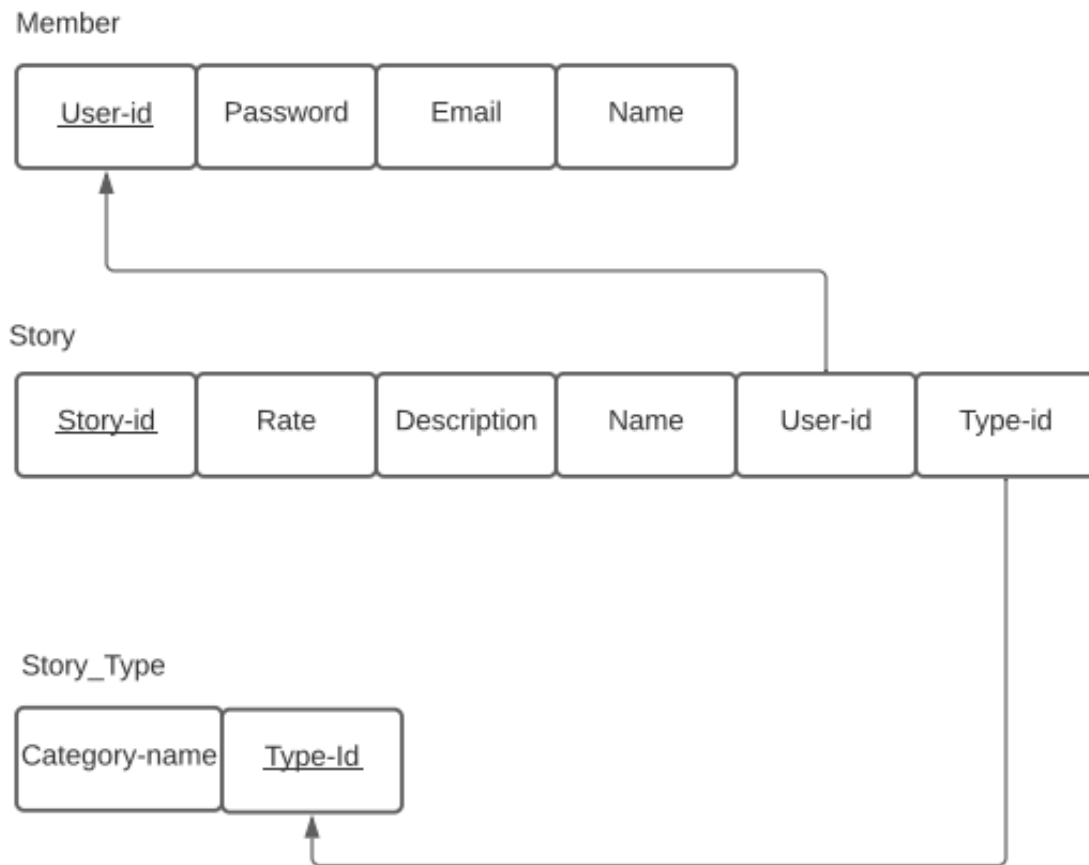
Sequence Diagram



Entity Relationship Diagram



Relational Schem



THANK YOU