**Technical Document**

Software Requirements Specification ( SRS )

For  
My Notes

Version 1.0 approved  
Prepared by:- Gopal

**Product Info**

Product Name: My Notes

Product Version: 1.0

Product Phase: Completed

Current Date: 06 Jun. 22

**Product Overview 👀**

My Notes is a simple and awesome personal notepad app. It gives you quick and simple notepad experience when you write notes. My Notes has feature like Authentication so you can logout from My Notes app whenever you want. My Notes give you functionality to add up to 10 photos with your notes. It also allow you add as many as notes you want without any limitation to note. We have kept UI simple to offer great user experience. My Notes is fully made in Offline mode so that you don’t have to worry about any data leakage.

**Product Purpose 🎯**

My Notes aim to help user to take down note easy and quick without complex any complexity. It also keep data safe as the App operates fully in offline mode. For us users data privacy is of utmost importance this My Notes provide feature like Authentication where user can logout and login in an instance.  
App Provide easy and hassle free way to manage note. Taking notes with My Notes is easier than any other notepad app.

## Intended Audience and Reading Suggestions

This SRS document is intended for the Scouto (acquired by Spinny ) HR’s for the evaluation of the Given Android app developer Intern assignment on Internshala. Reading is suggested to read from Top to down.

## Product Scope

My notes will develop and implement the easiest, quickest and safest way to write notes offline with   
object to provide its user a hassle free experience in writing notes. Further we will design and analyses the need of the app and will give safe feature like saving notes over cloud storage.

## Introduction

It is a Note making app. This app is made with the purpose of writing and saving note offline with at most 10 photos per notes. It also protect user note as user get the feature like login and logout.

## Sub Goals

* 1. Secure Login/Register feature for user with password hashing and email and password validations.
  2. Writing and saving unlimited notes
  3. Save photos with notes.
  4. Can Operate in offline mode

## Product Functions

* **Login:** It allows user to login into their account and access notes created by them. Login doesn’t need Internet as the this functionality is in Offline mode.
* **Register:** If user want other account to save various notes so user can create multiple accounts and share notes in their account.
* **Create Notes:** This help users to create note and let them add up to 10 photos in their notes.

## Test Classes

Text

Description automatically generated

## 

## User Classes and Characteristics (Modules)

Text

Description automatically generated

## Dependencies

1. FishBun and Glide: This dependencies is used to get multiple images from the user phones via gallery or camera.
2. Argon2k: This dependencies is used to safely hash user password.
3. Room: The Room persistence library provides an abstraction layer over SQLite to allow for more robust database access while harnessing the full power of SQLite.

## Requirements

## Functional Requirements:

1. **Login**: Secure login option through email and password. Hashing of password is required and compare to the previous hash.
2. **Register**: Secure register option through name, email, password and phone number. Their should password hashing, proper email and password validation and also validate Indian mobile number.
3. **Save note**: User can save note with option title, description and photo. User can only save at most 10 photos per image.
4. **Camera and Gallery option**: Their should be option for user to save photo either from gallery or capture from camera
5. **Logout**: User should be able to safely logout.
6. **Offline** mode: User can access app in offline mode.
7. Non-Functional Requirement:
8. Software should support latest and older version of Android.
9. App should be crash free
10. Color theme should be Orange
11. UI should be simple
12. Should be secure
13. Should be fast