NOte ME APPLICATION

for: ANDROID USERS  
Project Scope

September 30, 2022

# Overview

## Project Background and Description

Note me application is a small light weight android note taking application that allows the user to take down notes of important things and store them in the internet and they can be able to retrieve them later on a different android phone. The application comes light weigh and does not contain tracking of personal bio and bombardment of ads like most note taking application and it can run on lower end and earlier android version unlike common note taking applications.

## Project Scope

In order to achieve the objective named above the project will be implemented in 2 module form factors i.e. A backend system and frontend system which will be the android application this is with a view of making it as lightweight as possible. The services of the application can only be accessed through an android phone



The functionalities that will be implemented at a high level are: -

### Android Module

Membership module will include: -

* New members’ registration process.
* Login of existing members.
* Management of member notes
* Updating of member notes
* Updating of member profile
* Delete notes
* Delete account
* Sync notes to the internet

### Backend Module

Since the application will be allowing the user to store their notes in the internet this module will help in the communication of the android application and the database storing the notes on the internet. It will perform mostly HTTP calls from the android application to it.

## High-Level Requirements

The system is an android application. As such, any android device with internet access so as to download the application after which internet access may or may not be needed

The new system must include the following:

* Allow users to register and login successfully
* Allow user to create, read, Update and delete notes
* Allow user to manage their profiles, delete profile, sync notes to internet.

## Deliverables

* Back-end software that is hosted in the cloud.
* UI Prototype for both members and testers.
* Members responsive android application accessible.
* User documentation manual.
* Technical documentation

## Affected Parties

* Android users using manual note taking

## Implementation Plan

The project will kick off with the implementation of stubs necessary to enable development of the prototype.

After the stubs, the UI prototype will be developed. Once the prototype has been developed, the testers will go through it and approve of it. This stage is to ensure that all required functionalities have been factored and that the user experience (UX) is excellent. The UI will be developed using Figma.

The android application will be built using Android Studio IDE.

The Backend application will be built using JetBrains IntelliJ IDEA and the database will be MongoDB

After the UI prototype has been done, the stubs will be replaced with the business logic, starting with backend module, followed by android module.

Emails alerts will be integrated as part of modules development.

Signing off, commissioning and training will follow thereafter.