**Software Requirements** **Specification**

**(SRS)**

**mNotes**

***The Best Note Keeping Application***

**Elena Avramova**

**Ani Arsova**

**Nadezhda Metodieva**

**Plamen Vladimirov**

**Krasimir Kostov**

**Georgi Angelov**

**Borislav Ivanchev**

**Andrei Kozarev**

SRS Table of Contents

[1. Introduction 3](#__RefHeading___Toc618_686983108)

[1.1 Purpose 3](#__RefHeading___Toc620_686983108)

[1.2 Scope 3](#__RefHeading___Toc622_686983108)

[2. Overall description 3](#__RefHeading___Toc624_686983108)

[2.1 Design 3](#__RefHeading___Toc626_686983108)

[2.2 Operating Environment 3](#__RefHeading___Toc628_686983108)

[3. User Interface Requirements 4](#__RefHeading___Toc630_686983108)

[3.1 User Interface - Administration module: 4](#__RefHeading___Toc632_686983108)

[3.1.1 Login Screen: 4](#__RefHeading___Toc634_686983108)

[3.1.2 Registration Screen 4](#__RefHeading___Toc636_686983108)

[3.1.3 Profile Screen: 5](#__RefHeading___Toc638_686983108)

[3.2 User Interface - Functional module: 5](#__RefHeading___Toc640_686983108)

[3.2.1 Main Screen: (From Left to Right and from Top to Down): 5](#__RefHeading___Toc642_686983108)

[3.2.2 Note screen: 6](#__RefHeading___Toc644_686983108)

[4. Functional Requirements (Use Cases) 7](#__RefHeading___Toc646_686983108)

[4.1 Administration module Use Cases: 7](#__RefHeading___Toc664_686983108)

[4.2 Functional module Use Cases: 7](#__RefHeading___Toc666_686983108)

[5. Non-Functional Requirements 8](#__RefHeading___Toc648_686983108)

[5.1 Performance Requirements 8](#__RefHeading___Toc650_686983108)

[5.2 Safety Requirements 8](#__RefHeading___Toc652_686983108)

[5.3 Security Requirements 8](#__RefHeading___Toc654_686983108)

[5.4 Software Quality Atributes 8](#__RefHeading___Toc656_686983108)

[6. Other Requirements 8](#__RefHeading___Toc658_686983108)

**SRS** Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **SRS-mNote\_v03** | 25.01.2019 |  | Version 03 |
| **SRS-NIM\_v02** | 22.01.2019 |  | Version 02 |
| **SRS-NIM\_v01** | 21.01.2019 |  | Version 01 |

# 1. Introduction

This section gives a scope description and overview of this Software Requirements Specification (SRS).

## 1.1 Purpose

The purpose of this document is to give a detailed description of the requirements for the “mNotes“ software. It will describe the required features and functionality for the development of system. This document is primarily intended to be proposed to a customer for its approval and a reference for developing the first version of the system for the development team.

## 1.2 Scope

The “mNotes” is a WEB-based responsive application which helps people to keep notes, to organize their tasks with notes which can notify them with remainders before the expire date and time, those note to be cheked as “done”, and to automatically be archived after the expired date and time if done. Notes should have the option to be categorized and tagged, edited, filtered by category or tag, The output is notes to be printed, converted to a PDF file or to be exported as CSV file.

# 2. Overall description

## 2.1 Design

Hgvhgvhgvghvhgv

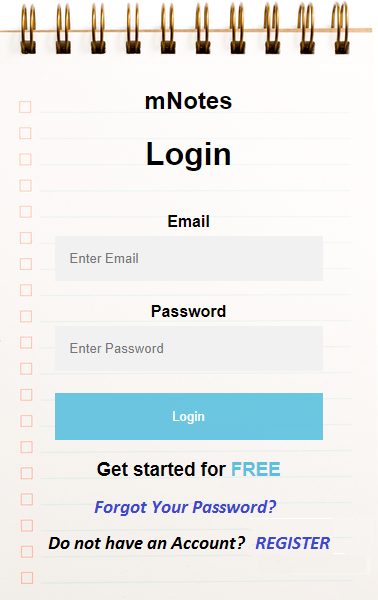
nbvhgvhgvj

## 2.2 Operating Environment

Hgvjgvj

# 3. User Interface Requirements

## 3.1 User Interface - **Administration module:**



### 3.1.1 Login Screen:

1. Title "Log in";

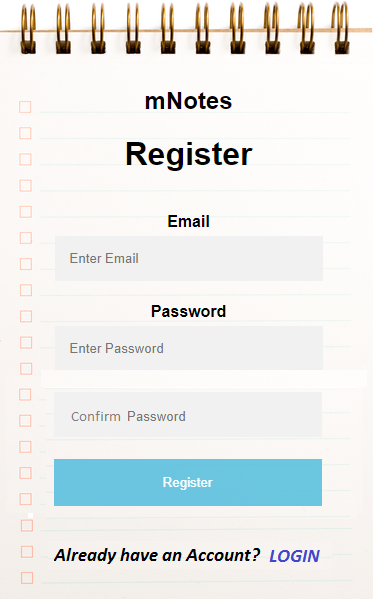
2. Field "email" (Username);

3. Field "Password";

4. Button "Log in";

5. Text "Do not have an account?" Register;

6. Link to Register screen from the above text "Register"



### 3.1.2 Registration Screen

1. Title "Register";

2. Field "email" (username);

3. Field "Password";

4. Field "Password Confirmation";

5. Radio-Button “Register”;

6. Text "Already have an account?" Login;

7. Link to Login screen from the above text "Login"

### 3.1.3 Profile Screen:

1. Title: Profile Screen”;

2. Field "email" (username);

3. Field "new email" (new username);

4. Field "New Password";

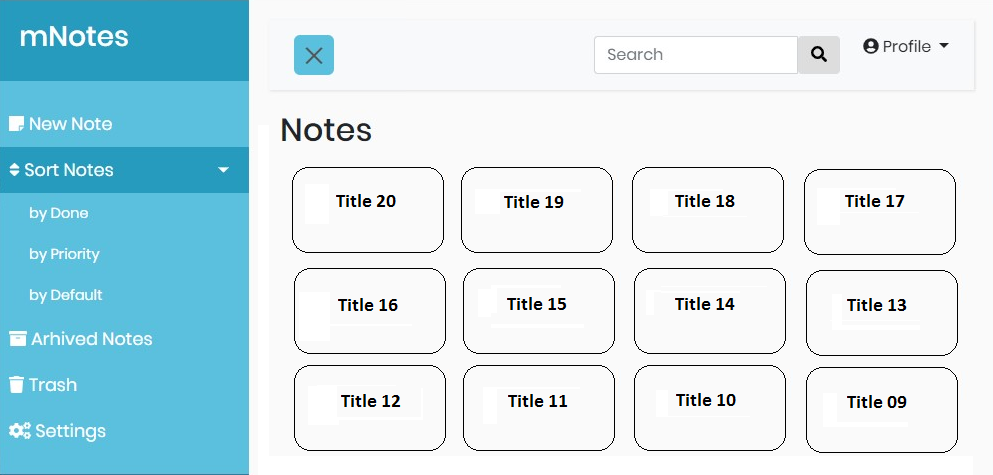
5. Field "Password Confirmation";

6. Radio-button “Edit”;

7, Radio-button “Save”.

## **3.2 User Interface - Functional module:**

### 3.2.1 Main Screen: (From Left to Right and from Top to Down):



**Button Open/Closed Side Bar Menu (Top-Left Side)**

1. Option "New Note";

2. Option “Sort Notes”; (sorting by Due Date, Priority, Done/Not Done);

3. Option “Archive Notes”;

4. Trash;

5. Settings.

**Search Field and Search Button(Top-Center):**

1. Field “Search” for input of Keyword;

2. Button “Search”;

**Profile Icon (Top-Right):**

1. Option “Edit Profile”;

2. Option “Sign Out”.

**Main Screen - Notes Icons sorted (Center):**

1. Notes Large Icons organized in rows and columns;

2. Number of Icons should be up to 6 on a row maximum down to 1 on a row minimum, depending on screen size and screen view, as well as user device type (responsive app.).

3. In vertical direction the number of rows is unlimited depending on overall number of Notes divided by number of Notes Icons in a row.

4. Default sorting is by Due Date of the Notes, from the Note with last Date and Time first.

5. Top-Down Scrolling should be available for the large lists of Notes.

### 3.2.2 Note screen:

1. Field Creation Date and Time (automatically takes system Date and Time on New Note – Save Button click);

2. Field ”Due Date and Time”

3. Field “Title”;

4. Field “Note Body”;

5. Button “Priority”;

6. Button “Delete”;

7. Button “Edit”;

8. Button “Archive”;

9. Button “Save”.

10. Button “PRINT NOTE”;

11. Button “Convert to PDF”;

12. Button “EXPORT” to text/csv;

# 4. Functional Requirements (Use Cases)

## 4.1 **Administration module Use Cases:**

## **4.2 Functional module Use Cases:**

# 5. Non-Functional Requirements

## 5.1 Performance Requirements

The mNote application should provide excellent quality features as speed, short reaction time accuracy etc..

## 5.2 Safety Requirements

The mNote application should assures customer data confidentiality.

## 5.3 Security Requirements

The mNote application should be protected from unauthorized external or internal access with secure program codes and security solutions.

## 5.4 Software Quality Atributes

The mNotes should be easy to use and easy to learn application with user-friendly high intuitive user interface. As a responsive WEB Aplication mNotes should have high adaptability and flexibility. For example the main Screen of the application should be flexible enough to reflect screen size and/or screen view parameters of different user devices, delivering best possible readiness of the user notes content and the best access to navigation tools, menus and radio-buttons.

# 6. Other Requirements

1. The mNote application should create a positive ambiance provoking good emotions for the users trough it’s state of the art graphic design and ease of use.