

poNote

System specification

Simple and functional Note Keeping Application

Version 1.0

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1. Introduction

poNote is a web application for storing notes, thoughts, tasks and appointments. Our goal was to make easy to use, well working, secure applications with clean and stylish design to help users bring structure in their daily responsibilities. In the fast pace that life is going these days it's always convenient to have the same place where you can save all those things you don't want to forget, we are proud to say that we created a place like that.

The current version of poNote is v1.0 and it is having all the necessary functionalities for good user experience. Version 1.0 is combining the two main interfaces of the software – the log in/sign in form and the note option interface. The poNote application allows the user to add, edit, delete and archive notes, to include a picture, to assign priority status, and to set an expiry date in notes, the expiration status of a note is displayed in different color patterns.

We are planning for the next versions of poNote to incorporate the following capabilities:

- sort and filter functions in a various pages
- email confirmation and reminder for expiring note
- cross platform functionality, including mobile app
- option for sharing notes with other users
- searching for note via keyword
- adding predefined and user defined categories for storing notes
- more refined design
- recording voice messages
- various design themes to satisfy user preferences
- the possibility to drag and drop notes in different categories and rearrange them.

2. Overall description

poNote is a WEB-based application which gives users the functionality to keep notes, to organize their tasks, to set expiration dates and to add images.

The notes approaching the expiration date change to the color yellow 1 day before their expiration and change to the color red 1 day after their expiration.

3. User Interface Sign up and Sign in

From the buttons above you can choose: “Sign up” or “Sign in” form.

3.1 Registration Screen:

The screenshot shows a web browser window with the URL `https://localhost:44387/identity/Account/Register`. The page has a blue background with a white form in the center. The form has a header with "Sign In" and "Sign Up" tabs, where "Sign Up" is selected. Below the tabs are three input fields: "Email", "Password", and "Confirm password". At the bottom of the form is a blue "Register" button. The poNote logo is in the top left, and "Register Login" links are in the top right. A footer at the bottom says "Designed by poWeb © 2020-2021 All rights reserved".

1. Field “Email”
2. Field “Password”
3. Field “Confirm password”
4. Button “Register”

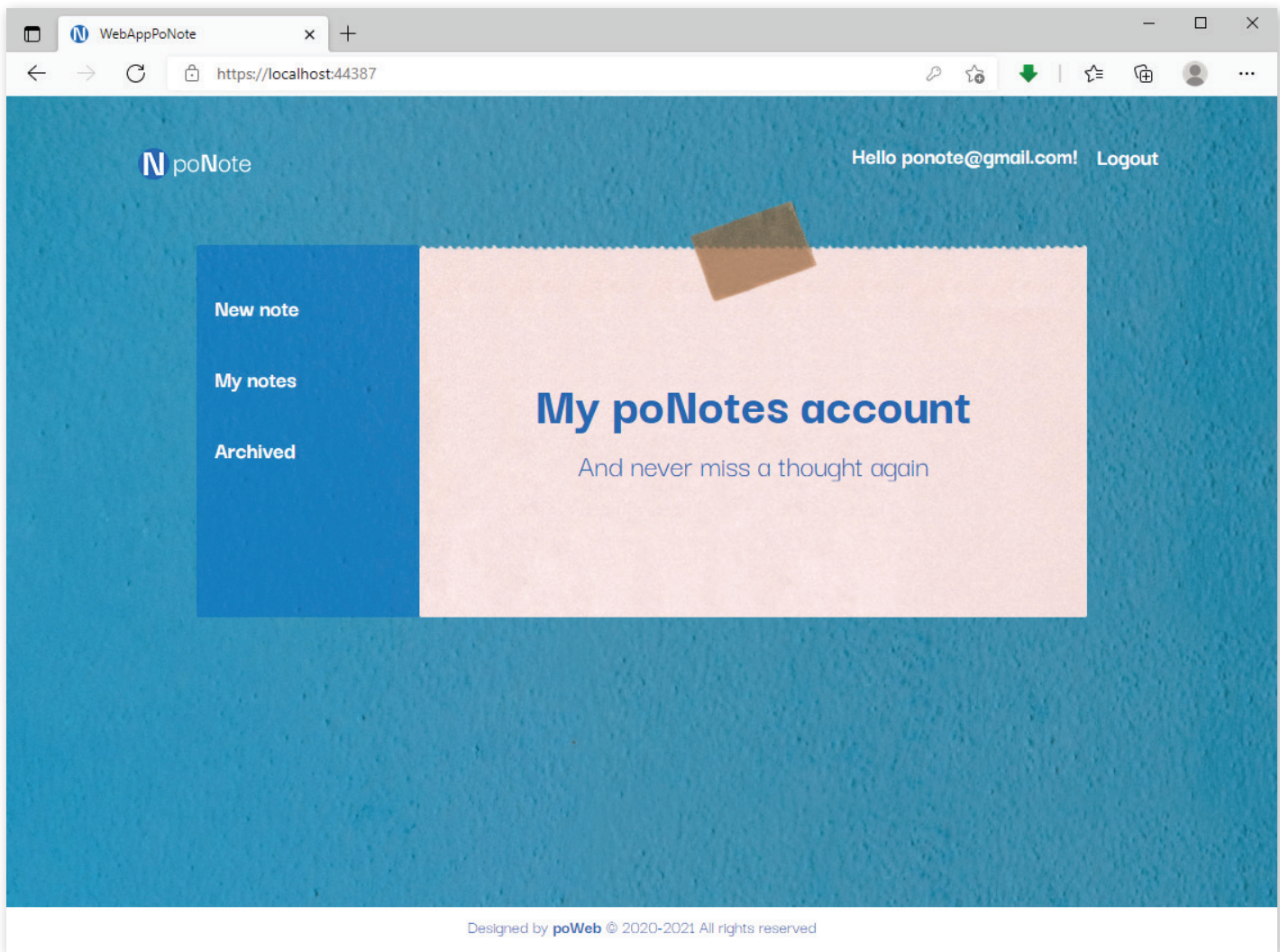
3.2 Login Screen:

The screenshot shows a web browser window with the URL `https://localhost:44387/identity/Account/Login`. The page has a blue background with a white form in the center. The form has a header with "Sign In" and "Sign Up" tabs, where "Sign In" is selected. Below the tabs are two input fields: "Email" and "Password". Below these is a checkbox labeled "Remember me?". At the bottom of the form is a blue "Log in" button. Below the button is a link that says "Register as a new user". The poNote logo is in the top left, and "Register Login" links are in the top right. A footer at the bottom says "Designed by poWeb © 2020-2021 All rights reserved".

1. Field “Email”
2. Field “Password”
3. Field “Remember me”
4. Button “Log in”

4. User Interface - Functions

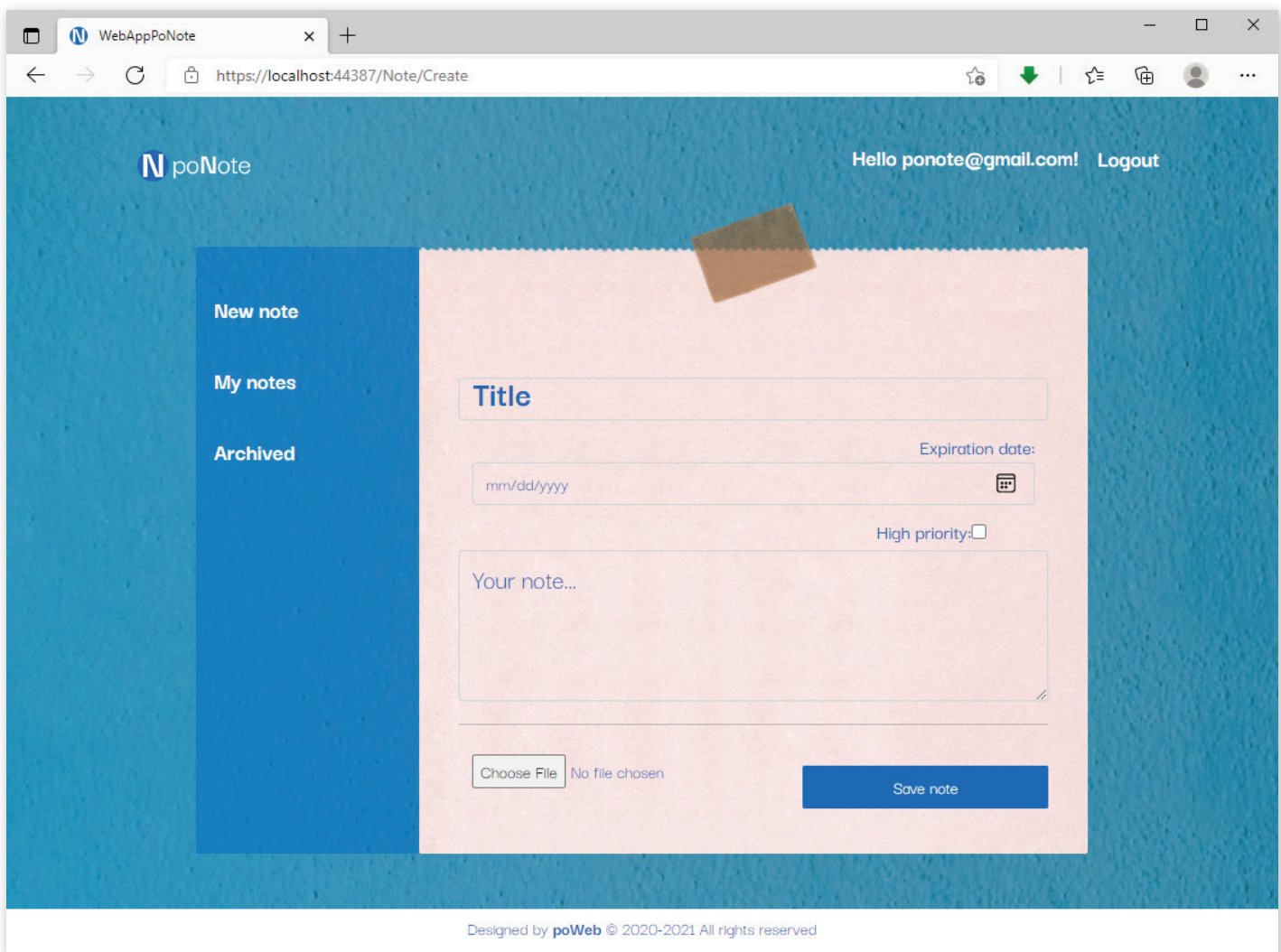
4.1 Main Screen



Left Buttons:

1. New Note opens a window that leads to the New Note Screen
2. My Notes opens the window: My Notes Screen where the Icons are sorted by date of introduction
3. Archived pens the window: Archived Screen

4.2 New Note Screen



Buttons on the left ("New Note", "My Notes" and "Archived") returned to the relevant page (in case of refusal by entering a new note).

Field "Title";

Field "Expiration date" – could be accessed by the calendar icon;

Field "High priority";

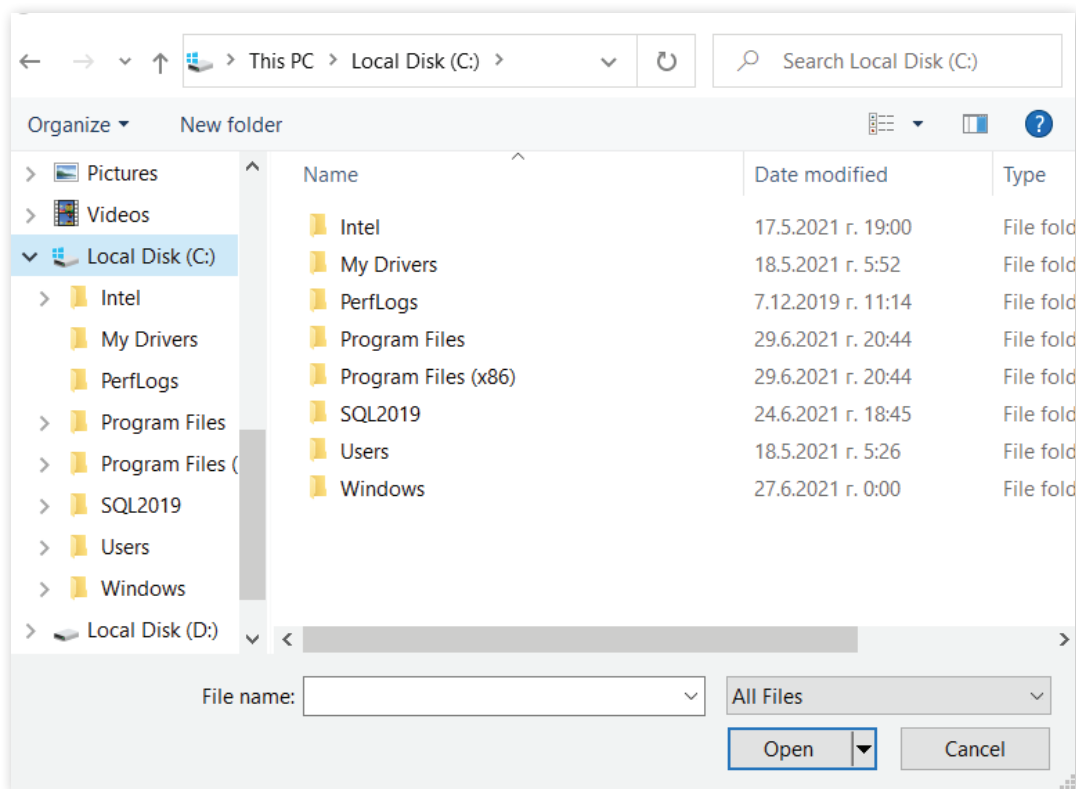
Field "Your note";

"Choose file"/to adding images/;

Button "Save note";

Created Date - automatically takes system Date on New note at "Save note" Button click;

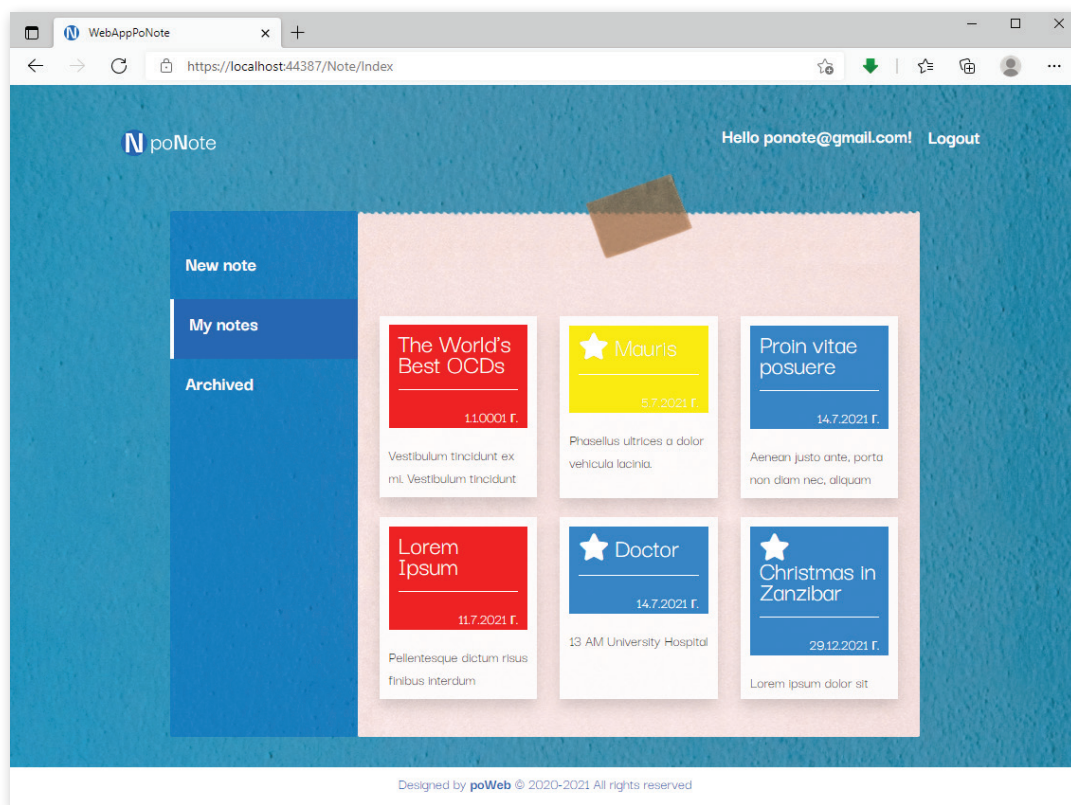
Clicking on the button "Choose file" opens a window, navigating in which an image can be selected and added to the note.



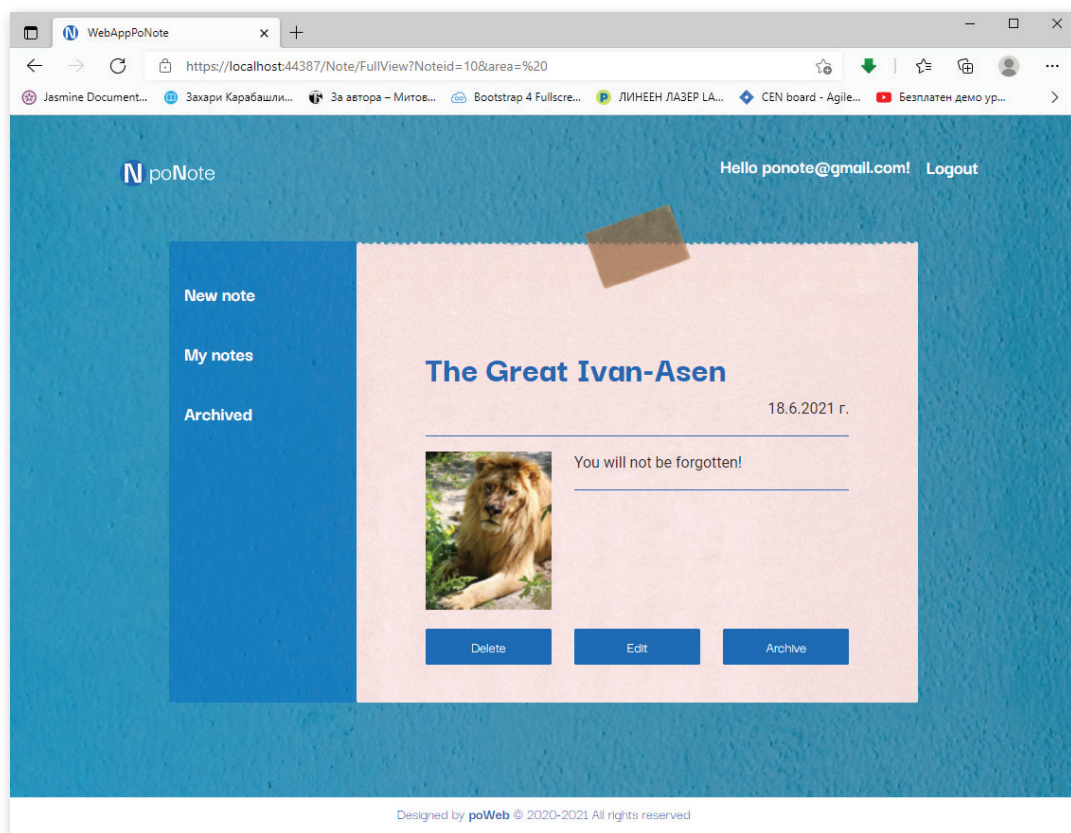
4.3. My Notes Screen

The title, date of introduction, expiring date, priority and part of the notes are visible

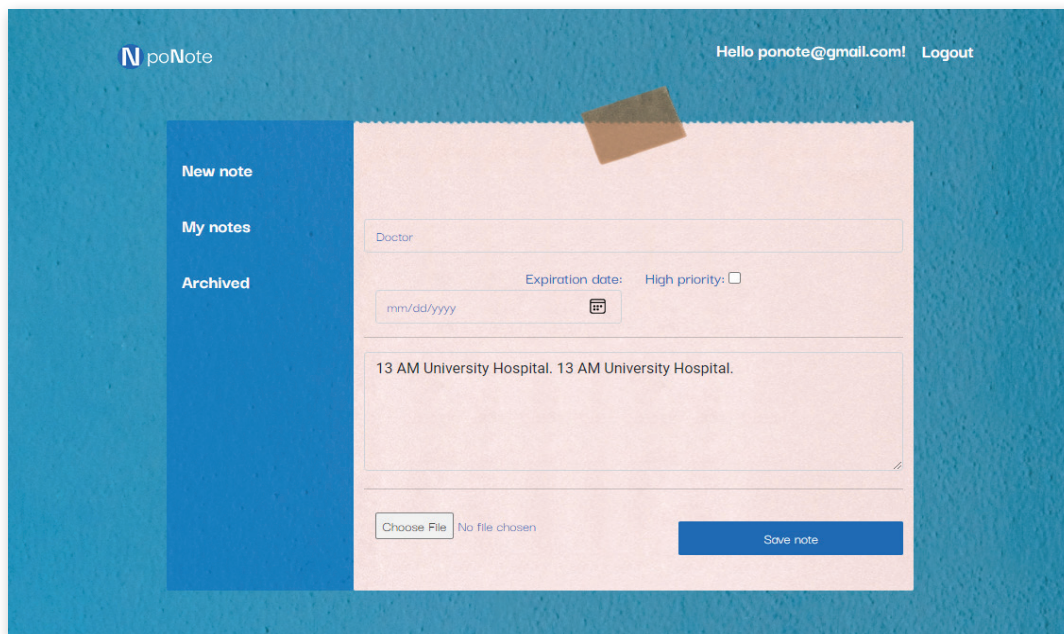
1. Notes Large Icons organized in rows and columns;
 2. Number of Icons is 3 in a row.
 3. In vertical direction the number of rows is unlimited depending on the overall number of Notes divided by the number of Notes Icons in a row.
 4. Sorting notes/ by default / is by date of introduction and the list starts with the last entered note
 5. The expiring notes turn red. A day before the note expires it turns yellow, a day after the expiration date it turns red.
- Notes marked with priority are distinguished with a star in their title.
6. Top-Down Scrolling should be available for the large lists of Notes.



When clicking on a note we get a window that gives us the option to delete, edit or archive the note.



When pressing the edit button, a window appears that allows for the editing of the note, which gives the same options when the note was first being created.

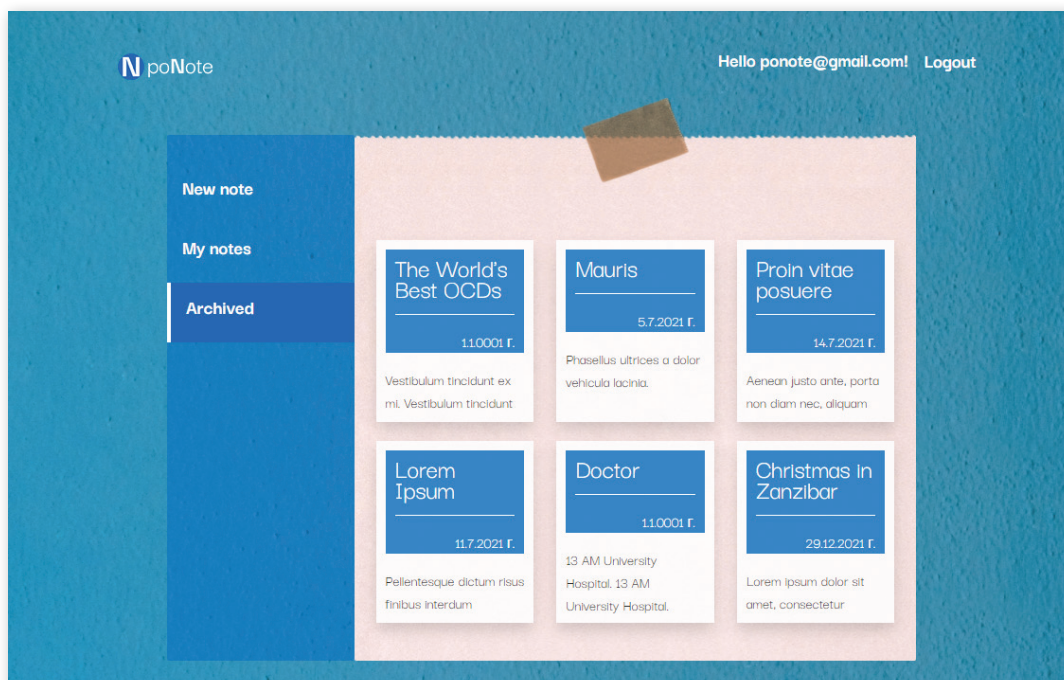


The screenshot shows the 'New note' form in the poNote application. The interface has a blue sidebar with 'New note', 'My notes', and 'Archived' options. The main area is a light pink form with a blue header bar. The form includes a title field with 'Doctor', an 'Expiration date' field with a calendar icon, a 'High priority' checkbox, a text area with '13 AM University Hospital. 13 AM University Hospital.', a 'Choose File' button, and a 'Save note' button. The user is logged in as 'Hello ponote@gmail.com!'.

4.4. Archived Screen

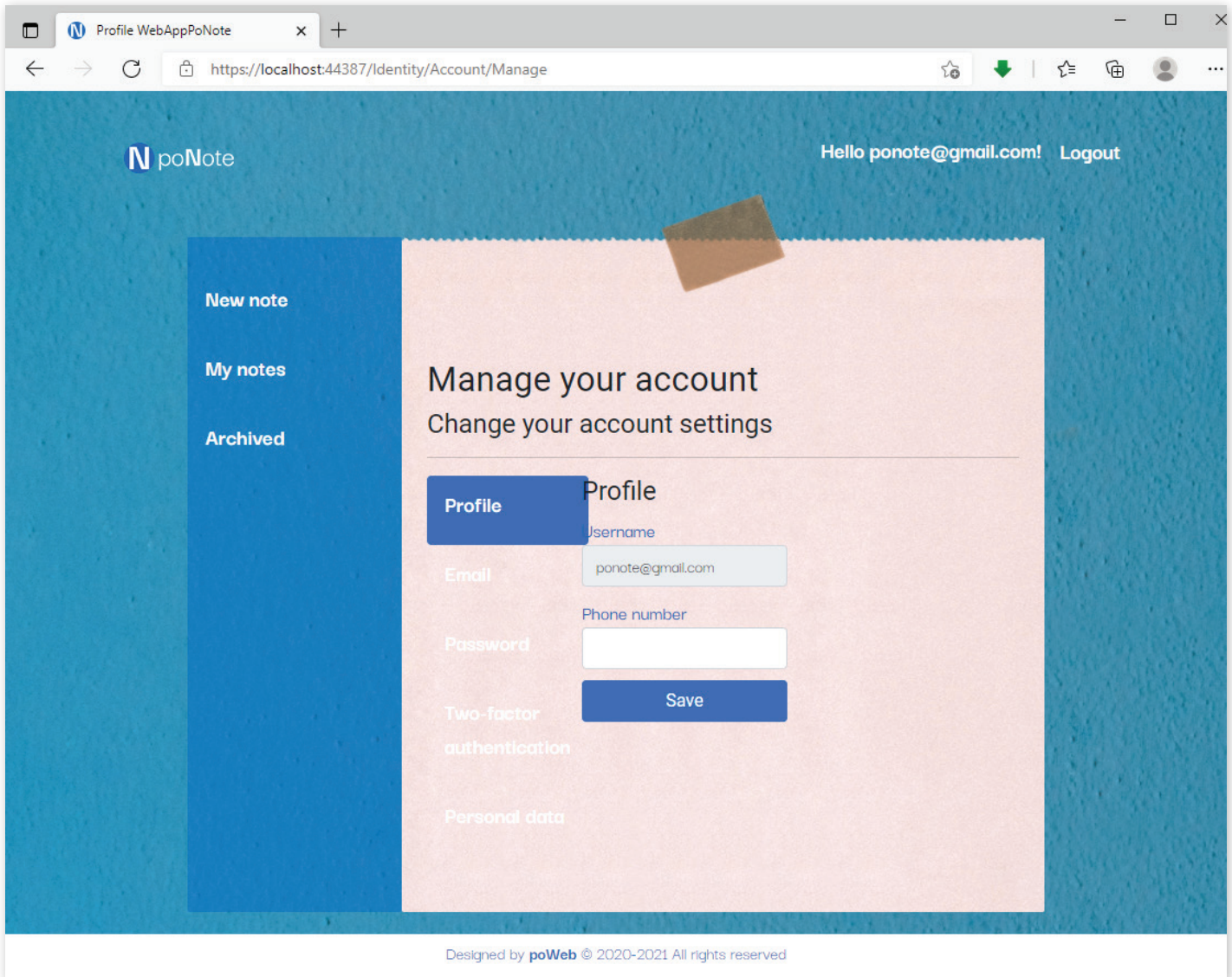
In this part you can view the archived notes;

The title, date of introduction, expiring date, priority and part of the notes are visible.



5. Manage your account Screen

When clicking on “Hello” in the upper right, you gain access to the Manage your account option window, where the user can change their personal settings.



6. Safety, Security and Performance

The security of our software comes from using ASP.NET framework and especially the Microsoft.AspNetCore.Identity plug-in also, the correct structure of our MVC model. It is well known that the ASP.NET network is a very secure one with the right implementation. We have used Lambda expression instead of simple SQL queries that makes impossible the threat of SQL injections. All sensitive data is gathered by a post method that makes it invisible. The password is encrypted which furthermore contributes for the safe use of the software. There isn't software that couldn't be hacked but we implemented the most modern and sophisticated software security trends.

7. Final words

Dear User, we strongly believe that this app will meet your expectations for both quality of performance and quality of aesthetic design, while giving you an experience that will raise your personal standards about what a proper note app should be.

We hope that the impression we have made with this app will give you reason and motivation to choose our software again in the future.

We wish you success in your future endeavors, sincerely the developers.

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