**Technical Software Design Document (Tech SDD):**

**Notes Web App – „Hunote”**

Version 1.0.1  
Date: 08.02.2025

Developers: Kacper Grabowski, Damian Sikora

# Front End

## Top Navigation Bar

### Home

After clicking the button: generating main view (as at first start of the site): Recently opened notes, upcoming notes, most frequently opened notes. Sending request to API to get these notes.

### Categories section

This section will consist of every MAIN category of Category class (API request). If overloaded, then expandable list. If clicked generating view with notes which categoryId equals to this categoryId: Recently opened notes, upcoming notes, most frequently opened notes (API request).

### User button

When not logged in: “Register” and “Login”. When logged in user Settings (icon as in figma). Clicking “Register”: registerView, etc.

Important: When downloading notes from backend we need to include userId/Authentication things. Authentication to be determined.

### Settings button

When clicked: Settings View shows up.

## Left Navigation Bar

### Notes section

Static note types. If clicked on note type

### Calendar, theme, language section

## Main view

### Note template

### Notes sections

### At the start

### After clicking a type of the note

### Button to add a note

## Settings View

## Add a note design

### Word functions

### Note view

### Top bar of the note view

### Bottom bar with buttons

### Note Settings window

## Register and Login design/user Settings design

To be designed.

# Back end

## Users

* userId
* username
* encryptedPassword
* email
* language
* theme

## Notes

* noteId
* noteTitle
* noteContent – to be expanded? (functions of notes)
* categoryId (subCategoryId)
* typeId
* noteDate
* lastTimeOpened
* timesOpened
* isFavourite

### Functions of notes

To be designed?

### Types of notes

* typeId
* typeName

## Categories

* categoryId
* categoryParentId – if main category then 0, if subcategory then id of the parent category
* categoryName

## Requests from the front end

### Home Request