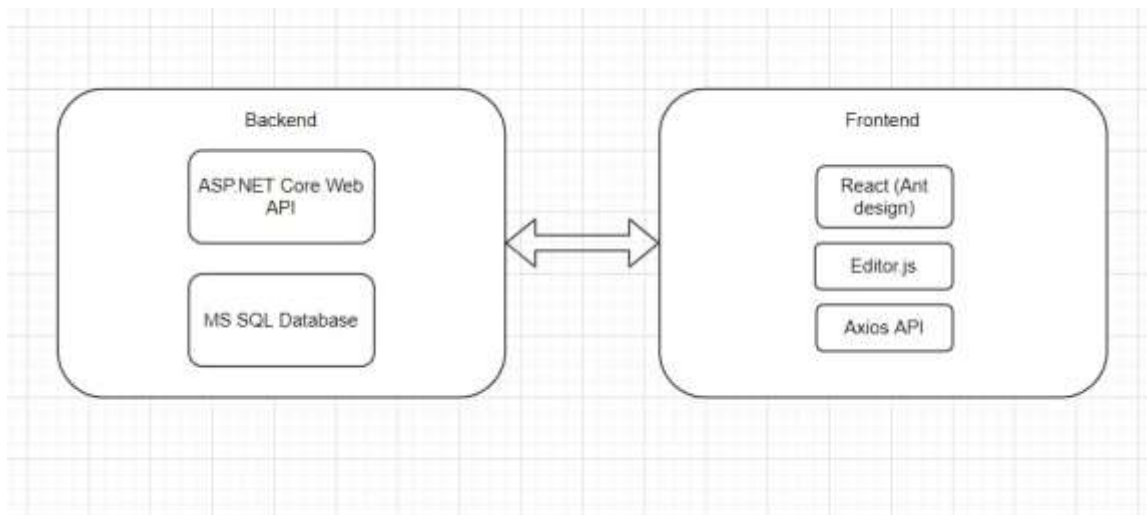# Wiki System

Documentation

Authors:

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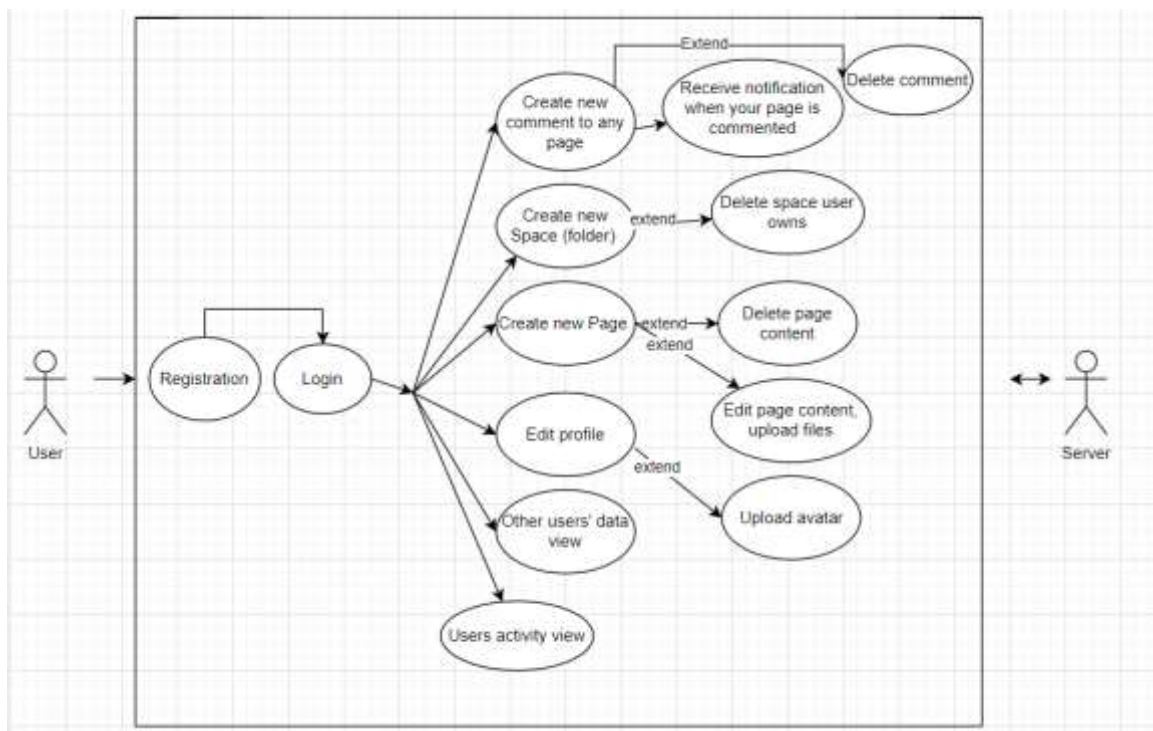
30.08.2021

1. Introduction

The purpose of Wiki System project was to create a service of uniform source of knowledge and collaboration. The service is meant to help users create and share information among others.

To realize the idea, ASP.NET Core Web API + MS SQL technologies were used to configure backend side of the project. Frontend side was implemented using React.js. In particular, Ant Design library was used to develop UI/UX of the website, and Axios API to configure HTTP connection with backend side. Simplified scheme of the project can be shown as this:

2. Use cases

Use cases of the website is presented on the scheme below:

3. List of tasks

Initially, to properly begin the development of the project, the website database was designed:
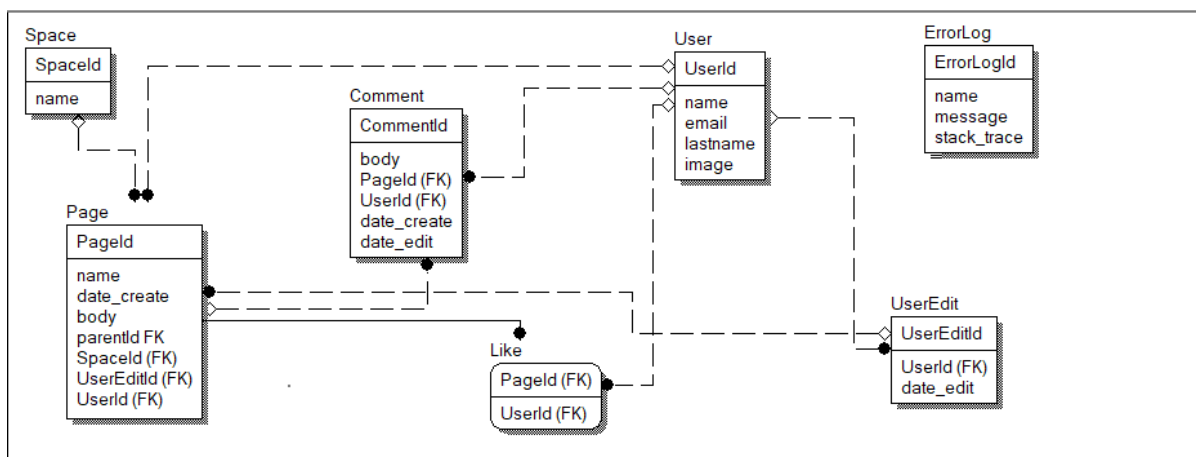

Table "UserEdit" is created to track editions of user page, ErrorLog is meant to be the table where all the backend exceptions, which occurred while the website is running are stored.

Afterwards, the project was divided into subtasks – each task got its responsible developer and deadline to complete the subtask. For each problem, the responsible person created a branch on GitHub and worked on it, then merged into "develop" branch. Final release was merged from develop into main. Here is the actual Google Document, which was used to keep track of progress:

	Task	Due Date	Developer
1			
2	Create new space (Front) + (Back)	08.08	Iryna
3	Delete space (Front) + (Back)	08.08	Iryna
4	Create new page (Front) + (Back)	26.07.2021	Nikita
5	Edit page (Front) + (Back)	28.07.2021	Nikita
6	Upload files to the page	30.07.2021	Nikita
7	Delete page (Front) + (Back)	31.07.2021	Nikita
8	Space pages tree (menu)	26.07.2021	Dmytro
9	[optional] Page sharing		
10	[optional] Page history		
11	[optional] Move page		
12	[optional] Page action notifications		
13	Registration(Back)	26.07	Iryna
14	Authorization(Back)	26.07	Iryna
15	Confirmation of registration via email	26.07	Iryna
16	Create new comment and add it to the DB (Back)	04.08.2021	Nikita
17	Delete comment (and from DB) (Back)	06.08.2021	Nikita
18	Edit comment	08.08.2021	Nikita
19	Creating Header (Front)	20.07.2021	Dmytro
20	Creating User profile (Front) + (Back)	02.08.2021	Dmytro
21	Creating a page spaces content (Front)+(Back) (view pages)	05.08.2021	Dmytro
22	Home page	28.07.2021	Dmytro
23	Registration(Front)	23.07.2021	Dmytro
24	Authorization(Front)	22.07.2021	Dmytro
25	Editor.js connection	30.07.2021	Dmytro
26	Logging errors to the database	31.07	Iryna
27	Showing possible errors to the user in the interface	08.08.2021	Dmytro
28	[optional] InApp comment notifications		
29	[optional] Notification in the application to users that files have been shared with them		
30	Technical documentation (help, how to, faq)	24.08.2021	Nikita
31	Create DB (tables)	31.07	Iryna
32	Viewing other users	23.08.2021	Dmytro

In this table we see that there are white rows – these are optional tasks which were set in case the project will be done before deadline. However, it was not, thus these things were not done. From this list, Task 6 was not implemented correctly because of initial incorrect choice of a built-in JavaScript editor (Editor.js). There was also a try to implement "Likes" functionality, which allowed user to put/remove likes on pages, but finally, due to difficulties with render, this feature was removed. Other features work as expected.