

Sanberk Türker

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EXPERIENCE

Stack Organizer

[Live Site](#) / [Project Details](#) / [Repository](#)

Stack Organizer is a web application I've built to help developers organize their Stack Overflow questions in a project based file system, by simply searching and saving their desired result.

Features

- Authentication
- Custom file system
- Realtime database
- CRUD operations
- Search through Stack Overflow

Process Summary

- Created small manageable tasks for MVP, using **Kanban**.
- Created the design with mobile first approach, using **Figma**.
- Started building the app according to Kanban tasks with **React**.
- Styled the app according to design, using Sass.
- Built authentication to separate individual user data, using **Firebase Authentication**
- Built search functionality to let user search through Stack Overflow, using Stack Exchange's **REST API**.
- Created a database to store individual user data, using **Firebase Realtime Database**.
- Built custom file system that displays user's file data and allows CRUD operations, using **Redux**.

Development Problems

- Implementing custom file system's nested folders was a challenge. But after doing some research about storing deeply nested data, I managed to solve it by using normalized data in Redux and database.
- Deleting a folder was also a challenge, as it was also supposed to find and delete any nested sub folders inside it. So I wrote a recursive function that looks for all the existing sub folders, and deletes them.

SKILLS & INTERESTS

- **Skills:** HTML5, CSS3, Sass, JavaScript (ES6), React, React Router, Redux, Redux Toolkit, Jest, Git, Github, NPM, Webpack, Responsive Design, Kanban, React Testing Library
- **Interests:** Video games, 3D Modeling & Animation

EDUCATION

Izmir Katip Celebi University

2018-2021

Tour Guiding

- Left university prior to graduation in order to pursue a career in web development.