SEAL Code Challenge

Overview

The application is a document library intended to give its users a web based solution to store and share their documents with others.

Code challenge timebox is 4 hours. There is no deadline for the challenge.

All the following requirements are what we provide. Make your assumptions when needed.

Functional Requirements

Design and implement the application's UI / API based on the requirements:

- available document types for uploading
    - PDF / Excel / Word/ txt/ pictures documents
- display / get a list of available documents
    - name of the document
    - icon based on its type
    - a preview image of its content 1st page content
    - date and time of upload
    - number of downloads
- download / upload a document
- download / upload several documents
- a document can be shared with other users via a generated link which is publicly available for the specified time period (e.g.: 1 hour, 1 day, etc.)

Non-Functional Requirements

- Desired frontend framework is React. But any other can be used as well.
- Desired backend framework is ASP NET Core. But any other can be used as well.
- Any 3rd party library or framework can be used. If a license or key is required for running the application it has to be provided.

Deliverables

- Code and other assets access - zip archive, github / gitlab repository or any other comfortable for you way
- Instructions how to run & test the application
- Description of main architecture and design decisions

- Ideas and proposals how to improve the application from a user or technical perspective

Next Steps

Send the challenge to seal@heinekamp.com /upakov@heinekamp.com

Give us 2-3 days to review your challenge.