Project description

Create a prototype of app which provides information about News to users.

Frontend app

Technologies

- Angular / React
- Bootstrap

Description

Use Angular / React to build Frontend app. This app is just prototype so it is not necessary to create any custom design, just use Bootstrap framework or whatever you want.

Frontend application communicate only with database (MongoDB)

Frontend application contains 2 views:

New

- All new News are displayed vertically one under the other, ordered by their date of storage
- Every News has button "Archive" -> News is moved after click to "Archived" view and is not shown at "New" view anymore
- When a new News item is added into DB, Frontend application will update the list of News

Archived

- All archived News are displayed one under the other ordered by their date of archive
- Each News item has a "Remove" button → News is removed after click from "Archived" view and is not shown at "Archived" or "New" views anymore

Backend app

Technologies / MEAN stack

- Node.js / Express
- MongoDB

Description

Use Node.js to build Backend application.

Backend application is responsible for 2 basic functionalities:

1. Get data from provider – get data from MongoDB
2. Save data into MongoDB

Database

Technologies

- JSON, MongoDB

Description

Use MongoDB to store and get all documents for Frontend application.

Documents must have: title, description, date, content, author, archiveDate.