



Full Stack: YouTube Video Gallery

Project Instructions

Create a simple Read / Create video gallery.

Please roughly base the design off of this [figma design](#).

Over all there should be 2 frontend pages and 2 endpoints in backend.

Requirements:

- React
- Redux Toolkit
- NestJS for backend
- MySQL for db
- everything with Typescript

Nice to have:

- Tailwind CSS
- TypeORM
- Ant Design
- React Hook Form

Functionality:

- Main Page
- loads list of Youtube videos saved in DB through backend
- Interface for Video object: {id: number; name: string; url: string; updatedAt: number; createdAt: number}
- Show loaded videos in table
- "Create" button
- clicking this button opens creation pop up with form
- collect: name, YouTube url
- clicking "save" sends this data to backend, backend validates it and saves to db
- newly created video should be appended to list state
- Single video page
- clicking on each row from Main page leads to specific video page
- Single video page should show name of video and have a player that plays video.url

Stretch functionality (not required, but will be a plus if implemented):

- Edit video from main page
- Remove video from main page
- Going to "Single video page" loads instance of video from backend. So additional endpoint: GET /videos/:videoId and integration it into frontend

- Validation in backend onSave of video should include: check if video url provided is valid

How to submit:

Upload your completed project to your GitHub, and then paste a link to the repository below in the form along with any comments you have about your solution.

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`https://github.com/<username>/<repo>`

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