

## Day 4 – Toys and Users with Mongo

### Files provided with this ex

- http.service.js
- user.service.js
- user.store.js

### Story

- We need shop owners to be able to manage their shop
- We need normal users to be able to add reviews about toys

### General

Use async-await, try-catch across your app

### Toy Route

Start from the mister-backend project (reviewed in class), and add a route (under the API folder) for toy:

- ❖ In your *mongodb*, create a database: *toy\_db* and add a collection: *toy*
- ❖ Add a *toy.service*
- ❖ Add a *toy.controlller*
- ❖ Add a *toy.route*

### Lets use it

1. Check your backend from *postman*
2. Connect your mister-toy frontend, using the provided http.service.js

### Add Users Support

- The mister-backend project uses server-side-session
- Add a user collection (*\_id*, *fullname*, *username*, *password*, *isAdmin*),
  - Setup an admin user (*isAdmin*: true)
- Your backend is ready, lets move to the frontend.
- Use the provided *user.service.js* and *user.store.js*
- Setup a basic login page where you can pick a user from a list of users (for easier dev process - no need for password for now)
- Also setup a basic logout
- Admin user should be able to delete, add and edit toys
  - Backend : Protect the relevant routes using a middleware.
  - Frontend: Hide the buttons for none admins

## Add Toy Reviews

- In your toy model (frontend and backend), add an array of reviews
  - So it is something like:

```
{
  _id: 't101xxxxxx',
  name: 'Barbi Man',
  price: 8.99,
  reviews: [{id: 'r101', txt: 'Best toy ever', at:1162622111}]
}
```
- Inside the *toy-details*, add an option for adding a review
  - Setup a </api/toy/123/review> for **POST** requests
  - This API manually setup an **id** property on the review
    - Note – the review is a sub-entity of the toy document, we don't use mongodb's `_ids` for such entities.
  - It then pushes a new review to the reviews collection of the toy document (hint: `$push`)
- In the *toy-details*
  - Allow a logged-in user to add a review
  - Show the current toy's reviews