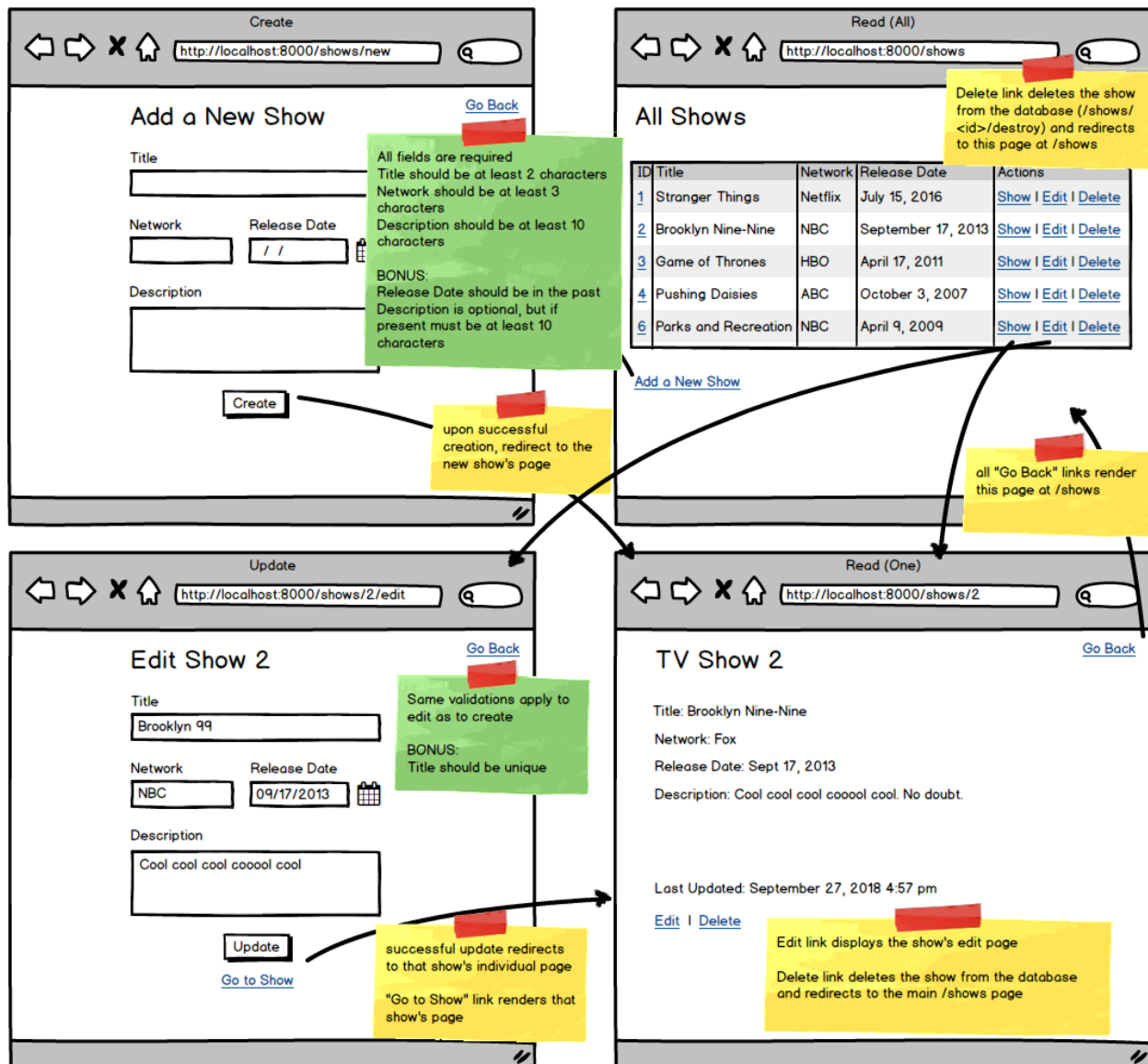# Assignment: Semi-Restful TV Shows Validated

Objectives:

- Practice validating data before entering it into the database

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Let's add validations to your existing Semi-Restful TV Shows assignment! Building off of your existing assignment, implement the validations indicated on the **green sticky notes** to prevent dirty data from getting into your database. If a submission is invalid, display errors on the appropriate page.

Create

`http://localhost:8000/shows/new`

Add a New Show

Go Back

Title

Network   Release Date

//

Description

Create

All fields are required
Title should be at least 2 characters
Network should be at least 3 characters
Description should be at least 10 characters

BONUS:
Release Date should be in the past
Description is optional, but if present must be at least 10 characters

upon successful creation, redirect to the new show's page

Read (All)

`http://localhost:8000/shows`

All Shows

Delete link deletes the show from the database (/shows/<id>/destroy) and redirects to this page at /shows

ID	Title	Network	Release Date	Actions
1	Stranger Things	Netflix	July 15, 2016	Show I Edit I Delete
2	Brooklyn Nine-Nine	NBC	September 17, 2013	Show I Edit I Delete
3	Game of Thrones	HBO	April 17, 2011	Show I Edit I Delete
4	Pushing Daisies	ABC	October 3, 2007	Show I Edit I Delete
6	Parks and Recreation	NBC	April 9, 2009	Show I Edit I Delete

Add a New Show

all "Go Back" links render this page at /shows

Update

`http://localhost:8000/shows/2/edit`

Edit Show 2

Go Back

Title
Brooklyn 99

Network   Release Date
NBC   09/17/2013

Description
Cool cool cool cooool cool

Update

Go to Show

Same validations apply to edit as to create

BONUS:
Title should be unique

successful update redirects to that show's individual page

"Go to Show" link renders that show's page

Read (One)

`http://localhost:8000/shows/2`

TV Show 2

Go Back

Title: Brooklyn Nine-Nine

Network: Fox

Release Date: Sept 17, 2013

Description: Cool cool cool cooool cool. No doubt.

Last Updated: September 27, 2018 4:57 pm

Edit I Delete

Edit link displays the show's edit page

Delete link deletes the show from the database and redirects to the main /shows page

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1. Validate the Add a TV Show form to ensure all fields are populated appropriately before adding to the database.
2. Display errors on the Add a TV Show form if the information is invalid.
3. Validate the Edit Show form with the same validations as creation.
4. Display errors on the Edit Show form if the information is invalid.
5. NINJA BONUS: Ensure the Release Date is in the past.
6. NINJA BONUS: Allow the description to be optional. If a description is provided, though, it should still be at least 10 characters.
7. SENSEI BONUS: Validate that a TV show with that title does not already exist in the database before creating or updating.
8. SENSEI BONUS: Do uniqueness validations (including displaying errors) for creating and updating using AJAX!