Mobile Application Development Project 3

For this app, you will be creating a social networking client for the TLDR social network.

General requirements

Create an application that performs at a minimum the four following network activities:

1) Create a new book
2) Get a list of books
3) Create a book review
4) List book reviews

URLs

The url for books (GET/POST) is:

https://uofd-tldrserver-develop.vapor.cloud/books

The url for reviews(GET/POST) is:

https://uofd-tldrserver-develop.vapor.cloud/reviews

Data Formats

The data format for books is:

title	String	The title of the book
author	String	The author's name
published	String	The year the book was published
imageURLString	String	A URL for a cover image for the book
Id	Integer	(READ ONLY) a unique identifier for the book

The data format for reviews is:

bookId	Integer	The id field of the book this review is for
reviewer	String	The name of the person writing the review
date	Date	(READ ONLY) The date the review was submitted
title	String	The title of the *review*
body	String	The body text for the review
id	Integer	(READ ONLY) a unique identifier for the review

Sample Code

The sample project from which you may begin development contains a full featured service for fetching and posting the data. You are welcome! Make sure to remove "DataTestViewController" from the project, as it's only there to demonstrate & ensure usage.

Visual Appearance

The visual appearance for this app is entirely up to you.

Grading Rubric

Project turned in on time via GitHub: 1 point
Project displays a list of books: 1 point
Project allows creation of a book: 1 point
Project displays a list of reviews per book: 1 point
Project displays a list of reviews: 1 point
Project allows creation of a review: 1 point
Project allows the book list to be refreshed: 1 point
Project allows the review list to be refreshed: 1 point
Project has two tabs, one for the books and one for reviews: 1 point
Project uses appropriate navigation (modal, stack) where appropriate: 1 point