

BOOK REVIEWS!

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Project Topic: Book reviews

URL: localhost:3004

1. Data Format and Storage

Data point fields:

- Title : String
- Author : String
- Rating : Number
- Review: String
- Type : [String]
- Slug: String

Schema:

```
{  
  title: String,  
  author: String  
  rating: Number  
  review: Number  
  type: [String]  
  slug: String
```

2. Add New Data

HTML form route: /create

POST endpoint route: /api/createreview

Example Node.js POST request to endpoint:

```
``javascript
```

```
var request = require("request");
```

```
var options = {
```

```
  method: 'POST',
```

```
  url: 'http://localhost:3000/api/createreview',
```

```
  headers: {
```

```
    'content-type': 'application/x-www-form-urlencoded'
```

```
  },
```

```
  form: {
```

```
    title: Harry Potter
```

```
    author: J.K. Rowling
```

```
    rating: 5
```

```
    review: Amazing read!
```

```
    type: Fiction Mystery
```

```
    slug: harry
```

```
}  
};
```

```
request(options, function (error, response, body) {  
  if (error) throw new Error(error);  
  
  console.log(body);  
});
```

3. View Data

GET endpoint route: /api/reviews

4. Search Data

Search Field: I have implemented everything to make it easier for the user. Hence search can be done on name/author name/ rating etc.

5. Navigation Pages

Navigation Filters

1. Fictional books -> /type/fiction
2. Romance books-> /type/Romance
3. Scifi books-> /type/SciFi
4. Horror books-> /type/Horror
5. One Starred books-> /rate/leastFavorites
6. Top Rated (5 starred books) -> /rate/topRated