

Assignment 3 – Rails Basics

The overall goal of this assignment is to implement a Rails based application that fetches data from a JSON based API and presents it using a Heroku hosted website.

Functional Requirements

1. The application fetches data from a JSON based API of your choice
2. The website has only 2 active pages; index and details
3. The index page shows the fetched data in a table format
4. The index page should be requested with at least one parameter to narrow down the results shown
5. Each entry in the index page has a link that opens a details page showing more information for this entry
6. Each entry should have an image associated with it; either in the index or details page (or both)
7. Use CSS to style the webpages

Bonus:

- Integrate bootstrap (v. 3 or 4) using a bootstrap gem
- Use bootstrap classes to enhance the visual appearance of the website
- Use bootstrap responsive classes to make the website responsive

Technical Requirements

1. The application has a single controller with two actions
2. The application has a single model file that implement all methods used to fetch the required data
3. The application is hosted on Heroku
4. CSS should be in a stylesheet (do not use inline styling)
5. Add all project files in a zip archive and upload to Avenue
6. Provide the link to the Heroku hosted website in your submission
7. Include any special instructions necessary to run the application in your submission

Rubric

Criterion	Points (out of 100)
Controller: index action with query	15
Controller: details action	15
Model: necessary methods to fetch & parse data	20
Index page: table format	5
Index page: link to details	5
Use of image tag helper	5
Use of custom CSS styles	5
Dedicated CSS in assets folder	5
App hosted on Heroku	10
Proper MVC pattern	10
App runs without errors	5
Bootstrap gem integration and usage (bonus)	5
Responsive design using bootstrap (bonus)	5