

HW04 instructions

Ruby On Rails Course



Prerequisites

Create a new branch for working on this assignment

- ✦ Please create a new branch from the HW3 branch for working on this assignment called HW4 with the following command:
- ✦ `git checkout -b HW4`
- ✦ continue working in your `reddit_homework_03`

Assignments

Assignment #1: Setup your resources

Create the rest of CRUD pages

- ✦ Here you can see the design we are going for: <http://invis.io/GZ3IM86JS>
- ✦ NOTE: if something is missing, like User, then do not worry about buttons and labels that apply to missing stuff
- ✦ Create a partial 'header' which
 - ✦ will display first 10 subreddits
 - ✦ have a changing title
 - ✦ have a 'new post' and 'new subreddit' button



Frontpage

- ✦ On the front page you will list all the posts
- ✦ title in the header will say 'frontpage'
- ✦ 'new post' button will be disabled
- ✦ clicking on 'new subreddit' will lead to a form for creating a new subreddit.



Subreddit page

- ✦ Clicking on subreddit in header will lead you to a subreddit page which will show all the post of that subreddit
- ✦ title in the header will display the name of the subreddit
- ✦ 'new post' button will be enabled which will lead to a form for creating a new post for that subreddit

Post page

- ✦ Clicking on the post link will lead you to a post show page which will display its description and all its comments
- ✦ add edit and delete buttons which are not displayed in the design
- ✦ title in the header will display the name of the subreddit
- ✦ 'new post' button will be enabled
- ✦ the page will have a new comment form



In the end

- ✦ frontpage path
- ✦ subreddit paths: [:show, :new, :create]
- ✦ post paths: [:show, :new, :create, :edit, :update, :destroy]
- ✦ comments paths: [:create]



Assignment #2: Change models

Add new columns

- ✦ Add new column to subreddit model:
 - ✦ title:string
- ✦ Add new column to post model:
 - ✦ creator_name:string
- ✦ Add new column to comment model:
 - ✦ author_name:string

Assignment #3: Fill database

Create rake tasks

- ✦ You need to create a rake tasks that will fill your database from real reddit :D
- ✦ First task:
- ✦ Use some kind of http client to get a json response from '<https://www.reddit.com/reddits.json?sort=hot>'
- ✦ get the first 10 children and create new subreddits if they don't already exist in your database.
- ✦ save 'display_name' to 'name', 'title' to 'title' and 'description' to 'description'
- ✦ name will be your key for finding if a subreddit already exists in your database

Create rake tasks

- ✦ Second task:
- ✦ For each subreddit in your database make a http request to: “http://www.reddit.com/r/{subreddit.name}/new.json?sort=new”
- ✦ get the first 10 children and create new posts
- ✦ save a ‘title’ to ‘title’ and ‘author’ to ‘author_name’
- ✦ if ‘selftext’ is not blank than save ‘selftext’ to ‘content’ else save ‘url’ to ‘content’
- ✦ After creating a new post make a http request to “http://www.reddit.com#{permalink iz json responsa}.json”
- ✦ save all comments
- ✦ for comments save “body” to “content” and “author” to “author_name”

Bonus Assignment: Add pagination

Add pagination

- ✦ On each index page there needs to be a pagination.
- ✦ You can only show 20 items at once.
- ✦ You can use gems to achieve this.



Continuous Assignment: Apply design

<http://invis.io/GZ3IM86JS>

- ✦ On the link above is the design for our reddit clone that will try to aim for.
- ✦ This is a continuous assignment that you can work on through the rest of the assignments.
- ✦ Add the bootstrap gem as seen in class and spice up your site!

Submit your solutions

Push to the remote repository on Github

- ✦ NOTE: I'm not going in depth how to do commits, please consult with already provided online resources.
- ✦ Once you finish each assignment create a final push to your branch:
- ✦ `git push origin HW4`
- ✦ You don't have to push it only once (i.e. when the whole assignment is over), you can do commits and pushes every time you make any significant progress such as finish an assignments.

Create a pull request

- ✦ Once you have pushed your finished assignments, you will have to create a pull request from your HW4 branch to your master branch
- ✦ Go to Github and position yourself in the HW4 branch
- ✦ If you can't find a way how to go to your branch, the URL should be:
<https://github.com/InfinumAcademy/academy-#{name}-#{surname}/tree/HW4>
- ✦ Find the little green button on the left and create a pull request - it should point from branch HW4 to master

Reviewing your pull request

- ✦ if everything is good, we will merge it to the master branch and your work is done (awesome!)
- ✦ if we have some constructive comments about your solution, we will ask you to modify your solution and push again to the HW3 branch again (the pull request will be updated automatically with every commit pushed to the HW4 branch). After you've pushed your changes, just make a comment on Github mentioning us, (e.g. 'Hey @#{reviewer}, I've improved my solution!')