

Ruby on Rails Assignment:

- Create a Ruby on Rails application (Use the latest best compatible Ruby and Rails versions)

Authentication System:

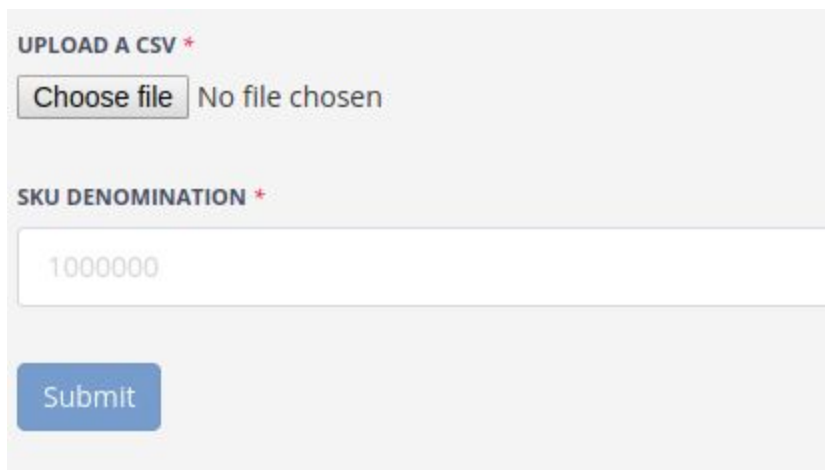
- Built the User Authentication system and let the user signup and login on confirmation of email.
- Also allow the user to login with Facebook, Google and Twitter.
- Implement Single Sign out - Assume, multiple users got logged into the application from their devices. If one user logged out from his machine, which needs to make all other logged in users to log out automatically.

After Logging into Application:

- Once user got logged in, he/she will be able to see a header with 2 links
 1. SKU Combination Creation
 2. Logout link to User

SKU Combination Creation:

- When user clicks on **SKU Combination Creation**, the user will be able to see a form like this



- Where CSV should be in the following format

option1_sku	option2_sku	option3_sku
224405-H	GRN001	10000007
10000351	002ORG	
331005EW3		

3	2	1
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Where option1_sku, option2_sku, option3_sku are CSV headers

- And SKU Denomination accepts an integer value, and the combinations get formed with the increasing value of the entered SKU Denomination.
- Make both the fields as mandatory. Add client side and server side validations
- For the above input, the output should be in the following format

sku_denomination	sku_combination
101	224405-H, GRN001, 10000007
102	224405-H, 002ORG, 10000007
103	10000351, GRN001, 10000007
104	10000351, 002ORG, 10000007
105	331005EW3, GRN001, 10000007
106	331005EW3, 002ORG, 10000007

- Populate the database accordingly (Create a table with sku_denomination and sku_combination as columns and store the data)
- Offload the logic of creating combinations to any background worker
- To the user, on the web, we need to dynamically show the combinations that are getting created in a table format as above and also a progress tracker where user can get to know how much percentage of work done and how much left.
- Show a message on successful completion of the process and also trigger an email saying process completed (It'll be better if you include some details about the upload)
- Write the RSpec Test Cases.