You are given a csv file. This file contains the metadata of android apps from play store. It includes information such as App Name, ratings, size, genre etc.

Your task is to create a Django server where a user uploads this file. After this, you have to perform a couple of operations on the input file. For these operations, pandas is a preferable library, but if you want to use something else, you can use that library as well. Following operations should be done on the input file:

1. User first have to authenticate themselves using social login such as google or facebook(implement any one of your choice). Only after login, the user can upload the required file.
2. The file contains a type column, using that you need to filter the data on the basis of paid and free apps. Create 2 child datasets(one for each paid and free) from the input data file.
3. Filter on the basis of content rating. Create child datasets(one for each content ratings) from the input data file.
4. Add a new column in the parent dataset with the name "Rating Roundoff ". This column should have rounded-off values of the corresponding ratings. Ratings should be rounded-off to the nearest natural number.

You should create a new data-frame for each operation defined above, and for each operation, you should define a different API. For example, an API should be defined for uploading the file, another API for the third task. APIs should download the output file after the tasks have been completed at the backend. (It is expected that no file will be downloaded for upload and sign in tasks).

You can use a very minimalistic frontend for this problem.