

BeerAdvisor

The purpose of this project is to design and implement (using MySQL and PHP) a website to register, review and comment beers.

Remarks:

- *You are free to adapt this subject to wines, coffees, or teas if you prefer. But be sure to deeply analyze the domain, the complexity should be similar to what is described in this document.*
- *This subject is inspired by the application WineAdvisor*

What is a beer?

Beer is one of the oldest and most widely consumed alcoholic drinks in the world. A beer is produced by brewing cereal grains (malted barley, though wheat, corn, rice, etc.). Most modern beer is brewed with hops (chinook, citra, etc.). A beer is also characterized by its brewing process, which leads to different types of beers (lager, stout, IPA, etc.).

A beer can have several chemical characteristics: alcohol level, bitterness (expressed by the International Bitterness Unit), clarity, calories, carbohydrates, etc. Its savor can also be characterized by making a link with other aliments (like, a taste of "apple", "cherry", "lemon", "grass", etc.).

Required functionalities

- A user can register on the website (sign-up), and sign-in on the website
- The user can look for beers by selecting any of the characteristic of the beer: e.g. they can be selected by category (lager, stout, etc.), filtered by alcohol level, IBU, etc.
- A user can eventually add a new beer on the website if it does not exist, s/he fills all the data about the beer, if some data are unknown, it can be left void and can be edited later (by this user, or by another user)
- A user can add a comment on a beer, this includes a grade from 0 to 5, a quick review (no more than 300 characters), the date it has been tasted, and eventually a picture
- On a specific page, a user can visualize all the beers s/he has already commented and order them by their grade (the grade given by the user and the average grade of all users)
- If a user follows another user, s/he will be able to see all the beers commented by this user
- An admin user has the possibility to create/delete/edit a new category of beer, and to delete beers registered on the website (eventually to avoid duplicates)