Hangout Reviewer

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Introduction

Hangout Reviewer is a service rating website where users can read, edit and delete posts related to hotels, restaurants and theatres. We have used Django for backend and html along with javascript for frontend. The website has a number of exciting features, so lets get started.

The entire code along with a readme file can be found in this GitHub repo.

Dashboard

The first page that the user sees on entering our website is the dashboard/home page. Its features are listed as follows:

- Navigation Bar & Banner - This thing will appear in every single page user visits. The nav bar contains links to add post, see the list of venues, login page, register page, user profile and logout page. All these will be covered in detail.

- Search & Filters - Users can filter the venue whose reviews they want to see either by the type of venue, which is one of hotel, restaurants or theatres, or by a dropdown consisting of the names of all the places.

- Statistics - We also present the total number of reviews written, total users registered and total venues stored.

- Recent Reviews - The user gets to see a bunch of recent reviews, and lastly,

- Footer - The footer contains information about the project and also links to the about page discussed later.

Register, Login & Logout

Users can register themselves to add new posts or to edit/delete any of their existing posts belonging to any particular venue. However, just like any other rating website, users don't need to be logged in just to see somebody's reviews.

The login and register links will be visible in the nav bar if user isn't logged in, and conversely, logout and add post links if user is logged in. If any user tries to add reviews without being logged in, the site will automatically redirect them to the login page.

In addition to this, our website also has a **Forgot Password** feature that allows users to reset their passwords by sending a mail to their registered email id.

Profile

Once logged in, users get a chance to view their profiles whose link will be present in the nav bar itself. They can edit their usernames, email id and profile picture. By default, our website assigns a profile picture whenever a user registers which can be changed anytime according to the user's discretion.

Following this, users can see a link which redirects them to a page where only that user's reviews are displayed.

Venues

The Venues link, present in the nav bar, redirects users to the list of venues stored in our database. All venues were taken from the **RapidAPI** hub. After being redirected, users have the ability to **sort** the list being displayed by **four** possible options, namely average rating, popularity, alphabetical order of names, alphabetical order of location.

As stated earlier, users can filter venues based on their type in the home page itself. The sorting options mentioned above are still available in the filtered lists.

In addition to that, users can directly **search** a venue from a dropdown menu, present in the home page.

Reviews

A review consists of a venue, rating(on scale of 0 to 5), title and content. In addition, every review also contains the user who posted it and also the current **date & time** when the review was posted. A user can filter reviews based on the venue or by the user who posted it. Clicking on a venue results in displaying all those reviews whose venue is the selected review. Similarly, clicking on the username of any review displays all reviews posted by that person. Reviews are sorted in decreasing order of date & time before being displayed.

Also, clicking on the title of a review leads us to a detailed view of that post. The detailed view will have the options to **edit or delete** the selected post only if the writer matches with the logged in user.

About & Contact Us

The about page, whose link is present in the footer, leads to the authors'
page where we present a bit of information about our team, **Databasing
Devils** and display an image for each member.
The contact pages, also present in the footer, displays the various social
media links of all the team members.

Extras

Our website has a few extra features capable of gaining bonus marks which are listed as follows:

- Pagination - We have paginated the list of venues and reviews so that users don't have to scroll a way too long list.
- Reset Password - Setting up the forgot password option in the login page took a lot of time.
- Rating - The rating is presented in a very graphical way consisting of checked and unchecked stars, whose color vary with the rating given.
- Profile Picture - The profile picture is truncated to 300 X 300 pixels before being saved onto the database.
- Favicon - Our website has a very catchy favicon which is displayed in the nav bar itself.