

Boredom Buster

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Problem definition:

Creating an easy to use interface to find activity options in a specified city or area. Filters such as cost, type of activity, and available travel options can help create more personalized searches.

Application Domain:

Entertainment/Travel

Motivation:

It is easier to find activities when they are all listed in one place. Planning a fun trip or finding something to do on a boring day is hard when you do not know all the available options. Factors like budget, access to travel, or specific individual interests can limit the choices. With this in mind, the goal is to emphasize certain activities in a specific area based on specific filters.

Functional requirements:

A database so users can sign up and login in. A built-in map will allow for easy discovery of locations. Filters will allow for more customized results, based on certain factors.

Quality requirements:

Personal accounts may record the users' past search results, which is more convenient for users to find their recent, preferred or similar activities. Guests can still access the website, but data is not saved and recommendations are less personalized. Allowing users to favorite activities can help create recommendations or emphasize similar activities. Filters allow users to limit their search parameters, such as: area, specific activity, price, etc. Users should be able to enter the maximum distance from an area they are willing to go. Users may select specific activities, such as restaurants, shopping, parks, and etc. Another filter allows the user to enter the cost range. Filters should work independently and be able to be combined or changed at any time. If there are no viable results, notify the user and prompt them to edit the filters or change the search area.