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**Team 10 Project Proposal**

**Overview**

Our application is a site which gives people suggestions for things to do. This sounds pretty general, and it is, but we are filtering it into three main categories: Things to do today, things to do this year, and things to do before I die. The main page will allow the user to pick one of the three categories, and it will then give suggestions and allow them to vote the post up or down. Guests will have this ability, but will not be able to post suggestions until they become a member.

As an incentive to get people to become members, members have scores, similar to reddit's karma. When a post gets up-voted, both the post and user who posted it gets points. Posts are ranked by number of points, and users can see the name of the member who posted the suggestion, which will be a link to their profile. This will encourage more people to join and post, because they will become competitive and want to get more points. There may also be a list of top posters for this day, month, or all time, so users can get good ideas from those who consistently post good ideas.

This app is good for crowd sourcing, because many people have cool ideas about things to do, but they probably don't have more than a few great ones. This app will gather all of the cool ideas that are out there and sort them into the best ideas of all time.

**Functionality**

Home page with suggestion buttons

Login based on username, password

Create Account page

Account page w/ to do list and list of 'my posts'

Create suggestion page

Limiting votes for non-users using cookies (CHALLENGING)

Algorithm to generate relevant results (CHALLENGING)

Ability to view another member's account

Logout ability from all pages

Keep track of points and display them for suggestions and users.

Ability to view the top users for different periods of time.

**Possible things to add**

Email verification for new users

Upload profile photo

**Database Schema**

USERS

id user\_name password score email date\_created

int string string int string date

POSTS

id content up\_votes down\_votes user\_id \* time\_frame date\_created title?

int string int int int string date string?

TODO\_LIST

post\_id \* user\_id \* date\_completed

int int date