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**PROJECT NAME**:

Twitter Filter

**WHAT IS TWITTER FILTER?**

Twitter Filter is a proposed website that allows users to be apart of the Twitter social media community without experiencing the conflicted user interface of the app.

**TWITER FILTER DESCRIPTION**:

Twitter Filter allows users to either sign up for a new Twitter account or log in using their existing account information such as username/email, and their password. From there, the user can access features such as editing their profile, live trends in their area, searching for a specific tweet, saving a tweet as well as deleting any saved tweets. This can allow users to be up to date with current Twitter news without the overload of unnecessary data. For example, if a user wishes to view a tweet that soca singer Machel Montano “tweeted” previously, one can do so by searching either the artist’s name or a keyword of the tweet, then the respective results will appear.

**PROBLEM THAT TWITTER FILTER SOLVES**:

Overload of information, conflicted user interface, constant spamming of notifications, loss of previous tweets, as well as becoming addictive to the Twitter social media app are the main problems that users face daily and can encourage a decline of account activity.

**BENEFITS OF TWITTER FILTER:**

*Business Value*:

With the use of Twitter Filter, this can increase the account activity of users, which will benefit the Twitter company as this will encourage more users to want to sign up with the app. For example, a user can stop their activity on Twitter due to the loss of previous tweets. With Twitter Filter, the user can search for a previous tweet, thus reactivating their account activity. Additionally, a user can sign up for a Twitter account with the use of Twitter Filter. This can a create a process of, “create now, modify later”, where users can create their account at the time, and later modify their profile on the Twitter app if they would like. This can increase the number of active users which would be beneficial to the company as more users will mean more revenue they can generate from each account. Also, with more satisfied users can generate an increase in their intangible benefits from each active user.

*Transformative Effect*:

Twitter Filter can improve the user population of Twitter, due to its simple interface and its concise features. With the population increase of users on Twitter, this can encourage the developers of Twitter to modify certain aspects of the Twitter application.

**Justification of The Design Factors Selected**

|  |
| --- |
| **SIGN UP** |
| Email |
| Password |
| Interests |
| Sign Up |

|  |
| --- |
| **SEARCH TWEETS** |
| Search Bar |
| Search buton |
| Save Tweet button |

|  |
| --- |
| **LOG IN** |
| Email/username |
| Password |
| Log In |

|  |
| --- |
| **HOMEPAGE** |
| Menu |

post

get

|  |
| --- |
| **SAVED TWEETS** |
| Saved Tweets |
| Delete buton |

get

put

put

**DATABASE**

|  |
| --- |
| **EDIT PROFILE** |
| Email |
| Password |
| Update Profile button |

post

delete

|  |
| --- |
| **LIVE TRENDS** |
| Graphs of Live Trends |

**TWITTER**

get

put

***Diagram of System Design***

**DESIGN DESCRIPTION:**

* The database created is populated with information from Twitter.
* When a user logs in, their log in information is taken from the database.
* If someone signs up, their information is placed into the database.
* After a user is logged in, their information is posted to the home page.
* A user can search for a tweet, which is collected from the database created.
* A user can also save a tweet, which would be stored in the database for further use.
* The user can view all their saved tweets which is posted from the database.
* If a user wishes to delete a tweet, they can do so by clicking the delete button. The tweet is then deleted from the database.
* A user can edit their profile information such as their email and password. The updated information is then put into the database.
* A display of live trends can be seen on the Live Trends page.

This design was chosen as it allows the user to interact five simple features; log in/sign up, save, delete, view, and search. This can allow the user to be updated with current news within the Twitter social media community without becoming addictive, thus causing one to lose time during their day.

**IMPLEMENTATION OF IDEA:**

A usability test was conducted by three individuals whose account activity have been plummeting due to some of the problems listed. Everyone found no complaint and also stated that they will further use Twitter Filter as it allows them to still be active without becoming too addictive, thus resulting in this proposed application to be efficient.