**SEARCH ENGINE**

**TEAM MEMBERS:**

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**PROJECT FUNCTIONALITIES:**

* Browsing history:

It adds the name of the webpages searched to the history and displays the order in which the old webpage gets removed in 30 days.

* Web browser:

If more than one webpage is searched then it allows to access

the previous and next webpage by choosing next and previous option.

* Bookmark or favourites:

The webpage which is bookmarked or marked as favourites are stored in bookmark and it displays the name of webpages that are stored in bookmark.

**DATA STRUCTURES USED:**

* Browsing history – implementation using queue.

The name of webpages that are searched are stored in queue manner. That is, the webpage that is stored first will be removed first in 30 days.

* Web browser – implementation using doubly linked list.

Can access the previous and next webpage searched using next and previous option since they are linked as doubly linked list which allows to move forward and backward

* Bookmark or favourites – implementation using stack.

The webpages which are bookmarked will be stored in stack manner. That is the webpage that is bookmarked first will be stored last in bookmark. The new favourite webpage is stored on top of the old favourite webpage.