Paper Prototype

Group # 7

Browsing History Review

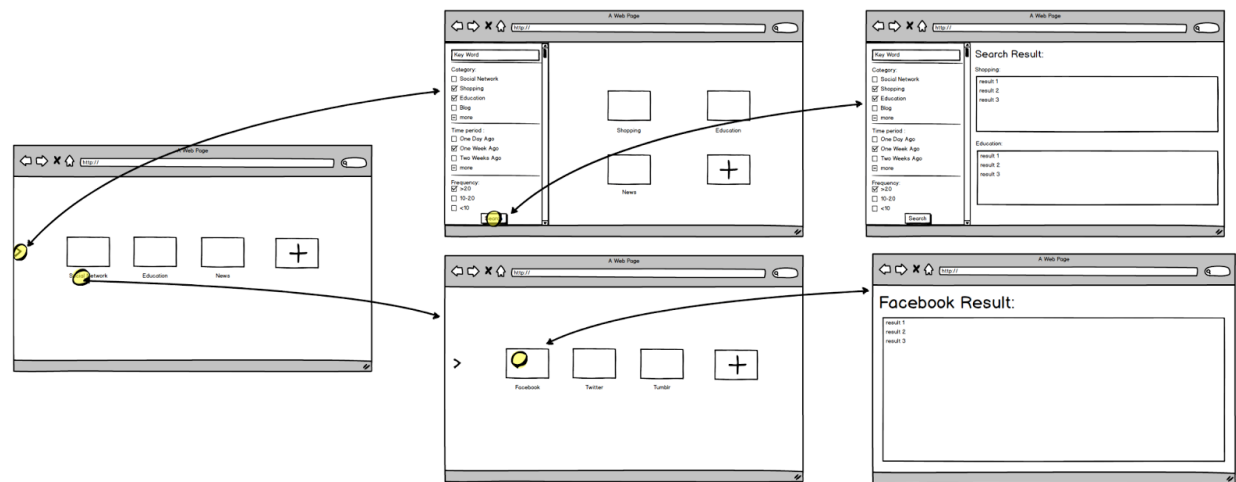## By

Bouxan Zhang (bz569)
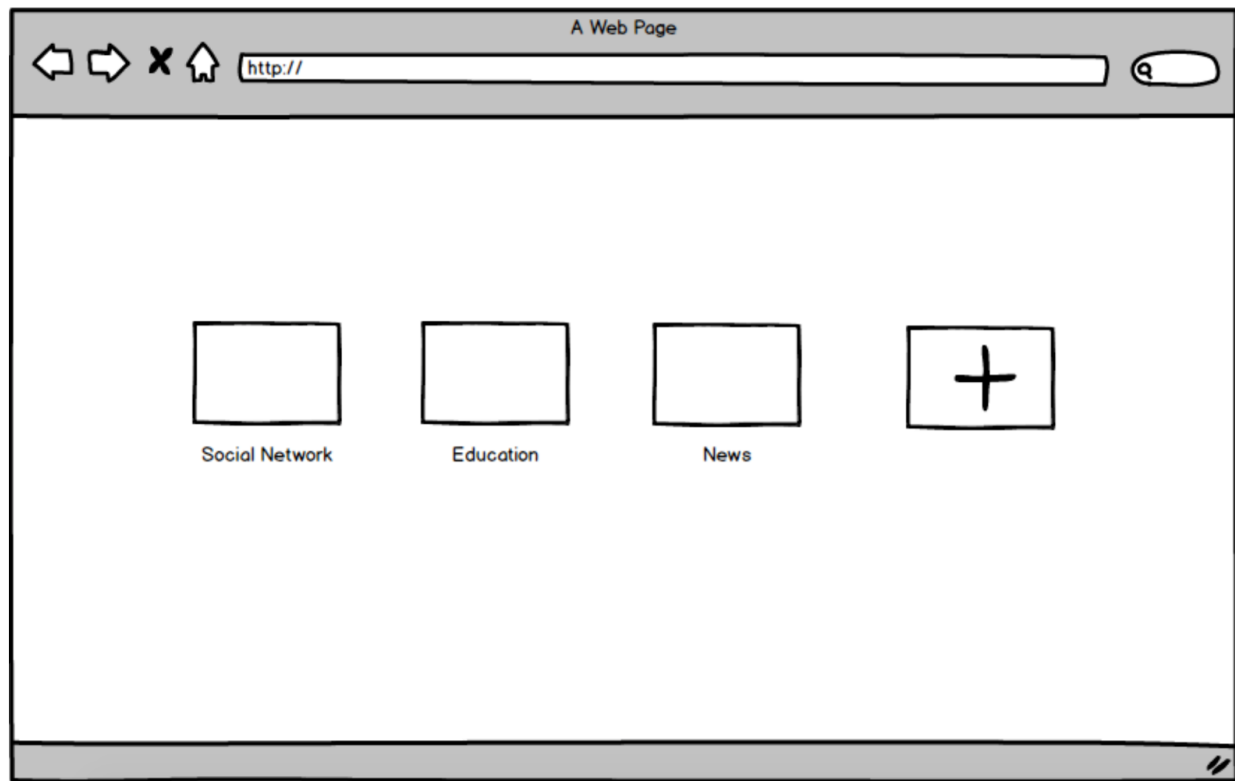**Nivedita Sonker (nss375)**
Sagar Deo (smd522)
Yao Jin (yj673)

Prototype_1: (Bouxan Zhang & Yao Jin)

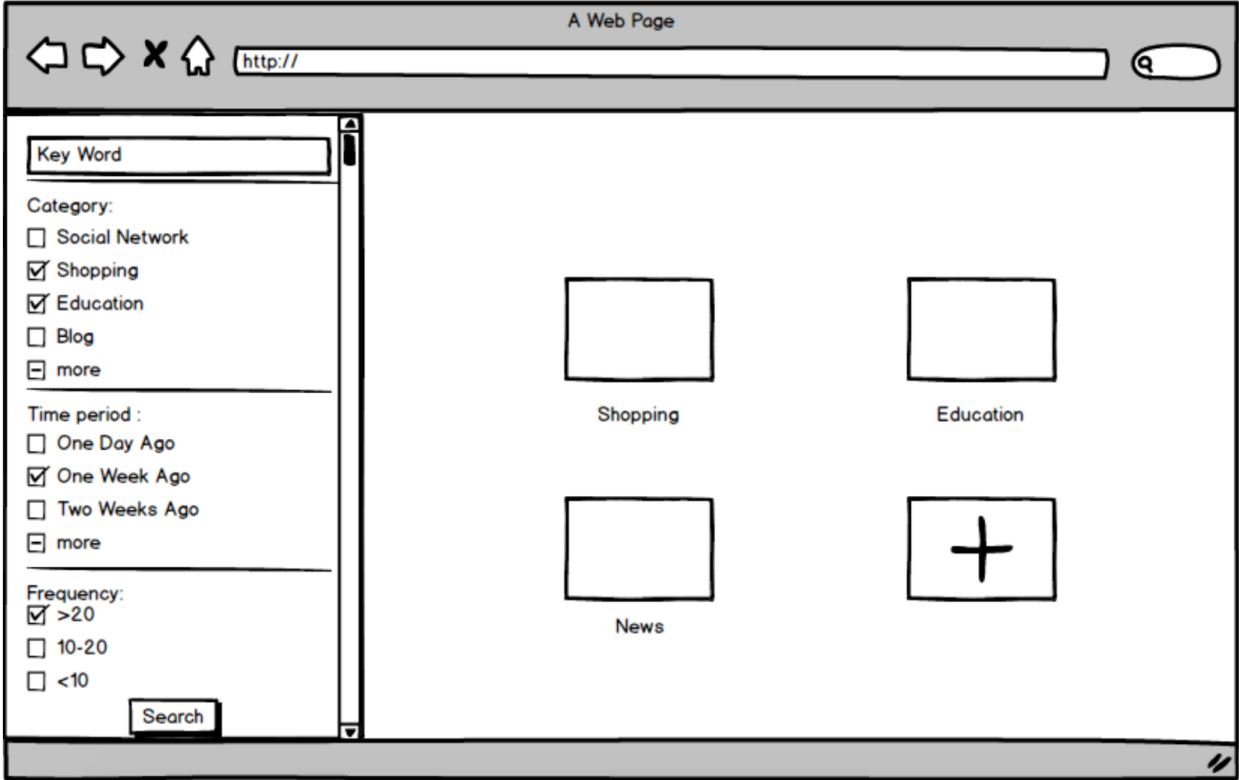The complete view of the prototype_1 is as below:

The stepwise look at the above prototype is as below:

The home page of any a browser.
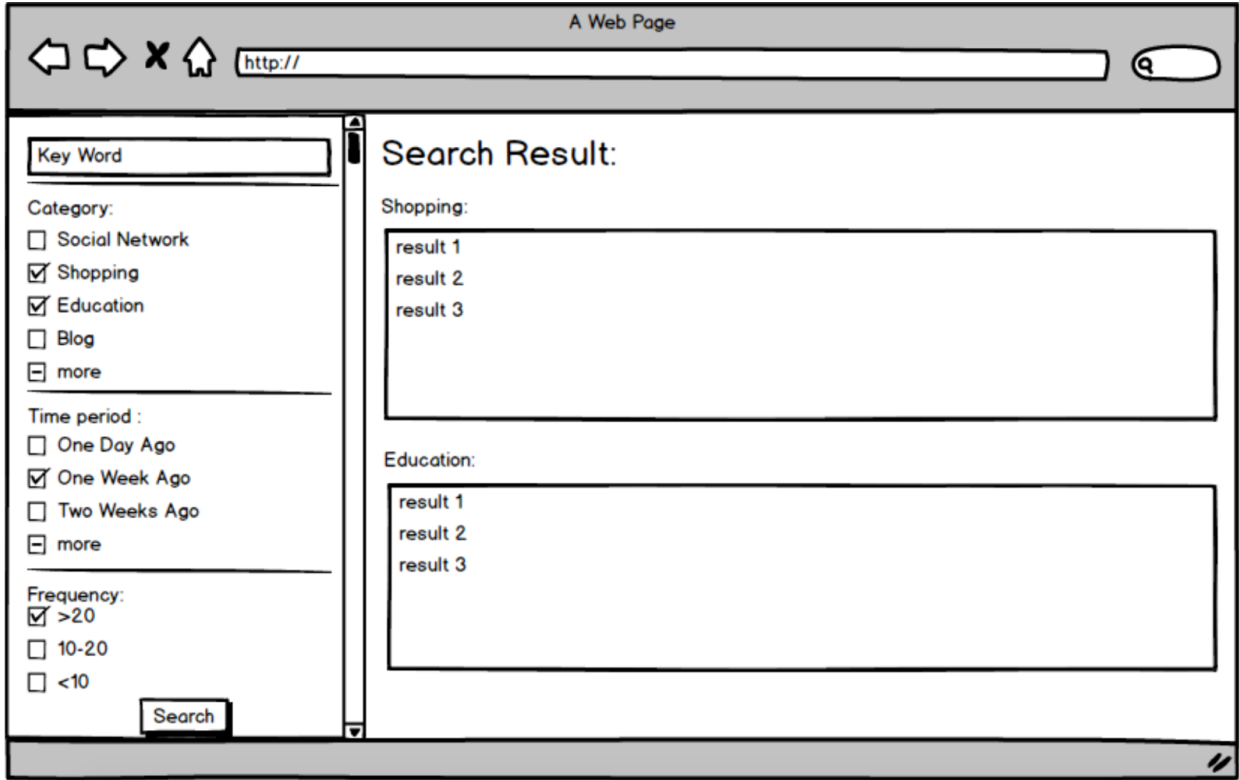
A Web Page

◁ ⇨ ✗ ⌂ | http:// | ⬭🔍

Key Word
Category:
☐ Social Network
☑ Shopping
☑ Education
☐ Blog
⊟ more
Time period :
☐ One Day Ago
☑ One Week Ago
☐ Two Weeks Ago
⊟ more
Frequency:
☑ >20
☐ 10-20
☐ <10
Search

Shopping   Education

News   +

User uses the side bar for precise search.

A Web Page

◁ ⇨ ✗ ⌂ | http:// | ⬭🔍

Key Word
Category:
☐ Social Network
☑ Shopping
☑ Education
☐ Blog
⊟ more
Time period :
☐ One Day Ago
☑ One Week Ago
☐ Two Weeks Ago
⊟ more
Frequency:
☑ >20
☐ 10-20
☐ <10
Search

Search Result:

Shopping:

result 1
result 2
result 3

Education:

result 1
result 2
result 3

The result of the user's search.

Prototype 2: *By (Sagar Deo & Nivedita Sonker)*

A Web Page

http://

Category | Time Period | Frequency

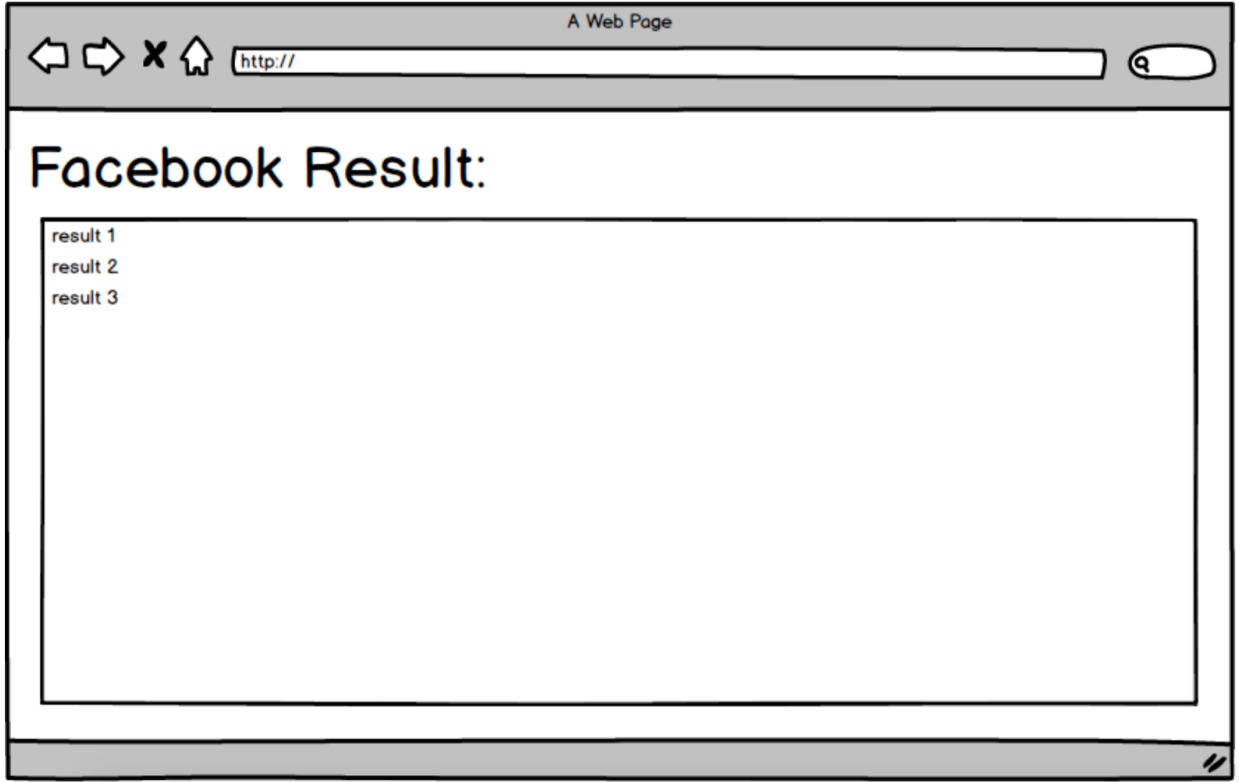One Day Ago   One Week Ago   Two Weeks Ago   One Month Ago
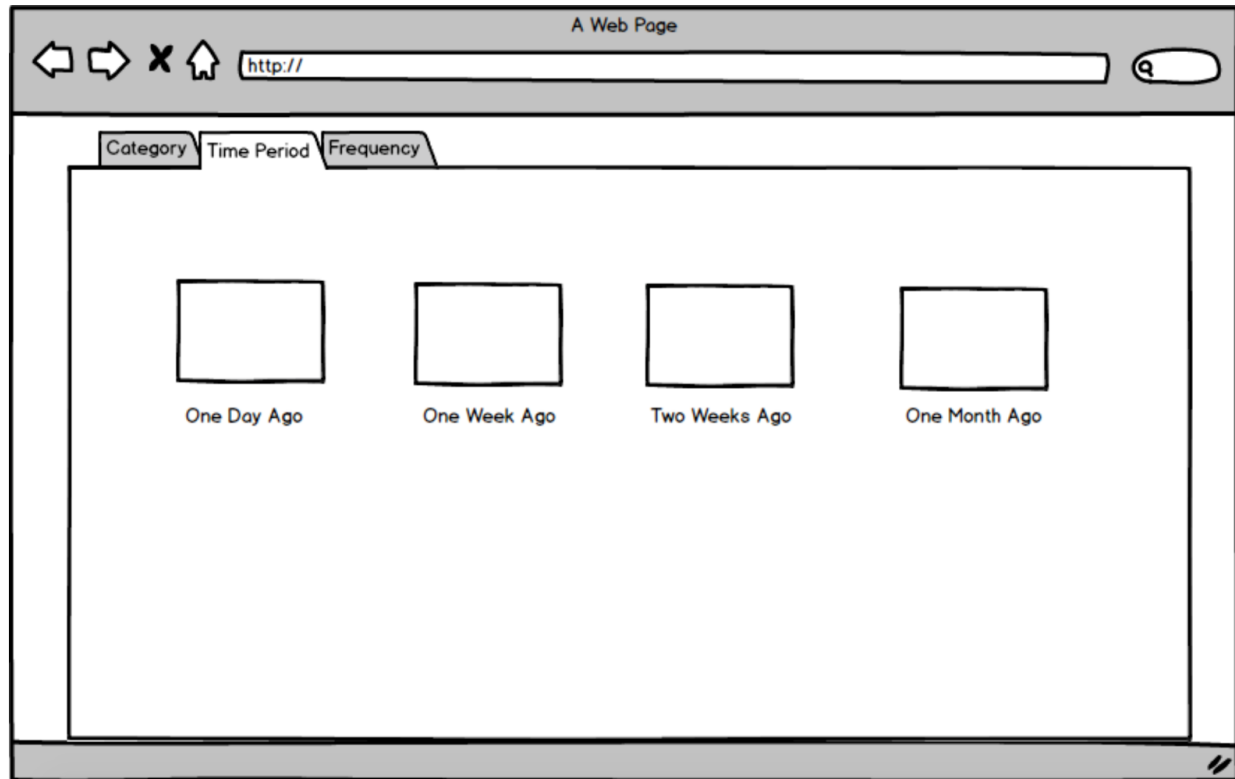
User can select either category, time period or frequency for searching their record in the history.

A Web Page

http://

Time Period > One Day Ago

Amazon.com

Linda.com

Mays.com

Others

User selects time period (one day ago) and he says the different websites he visited.

A Web Page

http://

Facebook Result:

result 1
result 2
result 3

The results for the user's search.

<u>Analysis of the prototypes</u>

Comparing the above two prototypes, we found the following issues:

1. In the first prototype, when a user wants to find a record in the history, he might have to deal with a lot of checkboxes, which could be a bit difficult. Alternatively, to search a record the user can select either of the three tabs i.e. Category, Time and Frequency.

2. In the second prototype, the user had the option to select either category, time period or frequency. He could search only on the basis of one of these three attributes. But if the user wished to check the history of a social networking website that he visited a week ago, the prototype would be inefficient.

<u>What we learnt from the comparison?</u>

After discussion, we decided to combine these two prototypes. We merged the side bar and the tabs to provide the users multiple ways to access their history records. Meanwhile, we removed the search box of the second prototype since its function was overlapping with the side bar.

<u>What did you decide together?</u>

However, it is difficult to decide when the side bar is to be shown. After some discussion, we elected to show the side bar after the user's first click on either of three attributes: category, frequency, or time period. The reason being that, at first, we want to provide the users with the most direct and simplest way to find a record rather than digging for the same. And when the simplest way does not work, the side bar will show up and help to extend the search range.

<u>What is the main design trade-off?</u>

The main design trade-off we had to deal with was to find the balance between the functionality and simplicity. On one hand we wanted to give the users every possible function we could provide. On the other hand we wanted the UI to be as simple as possible.
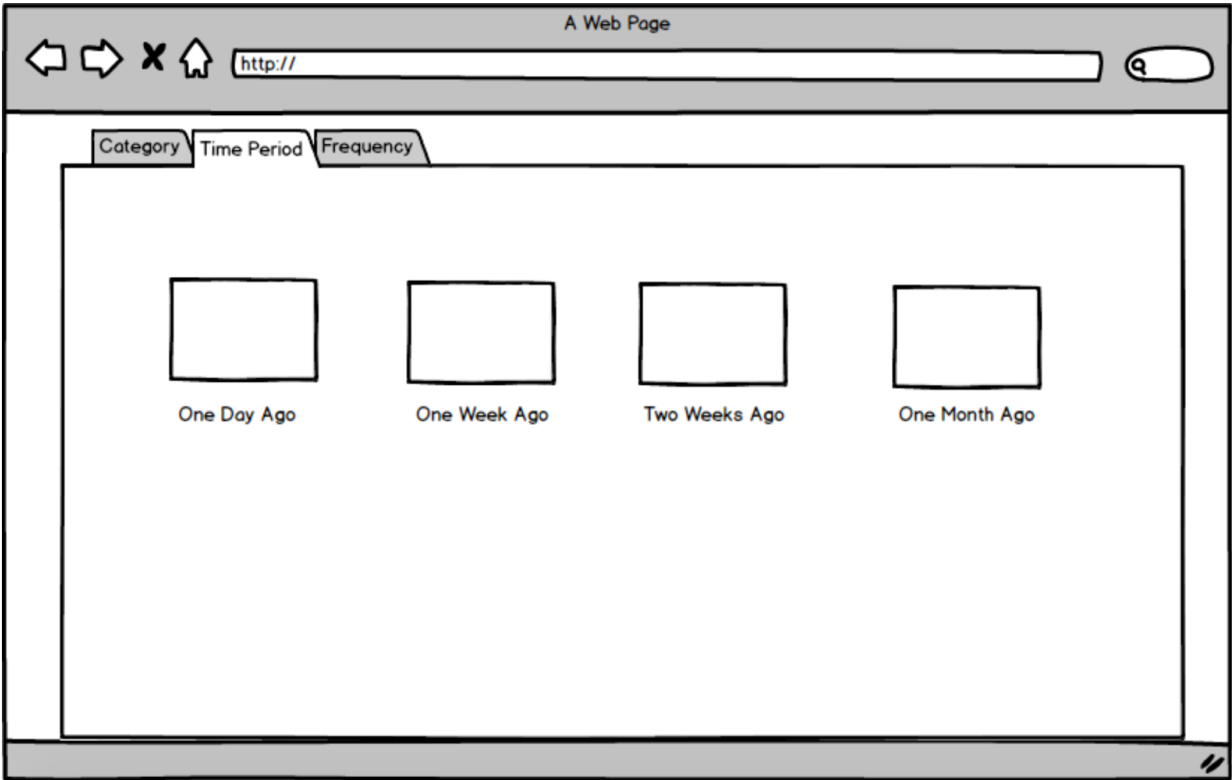
Prototype final
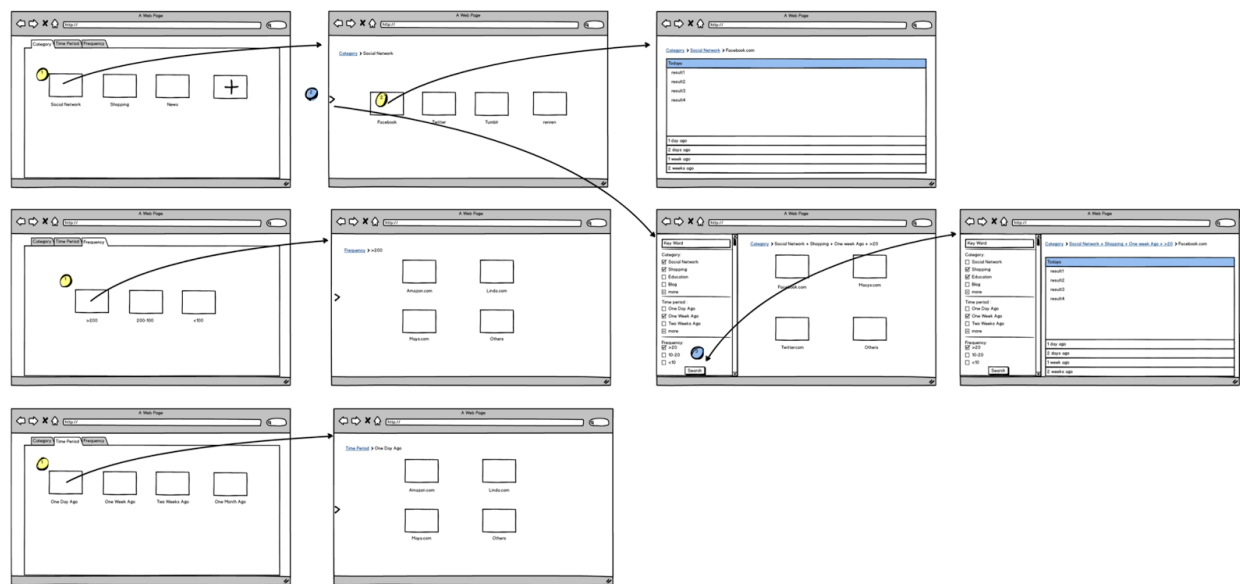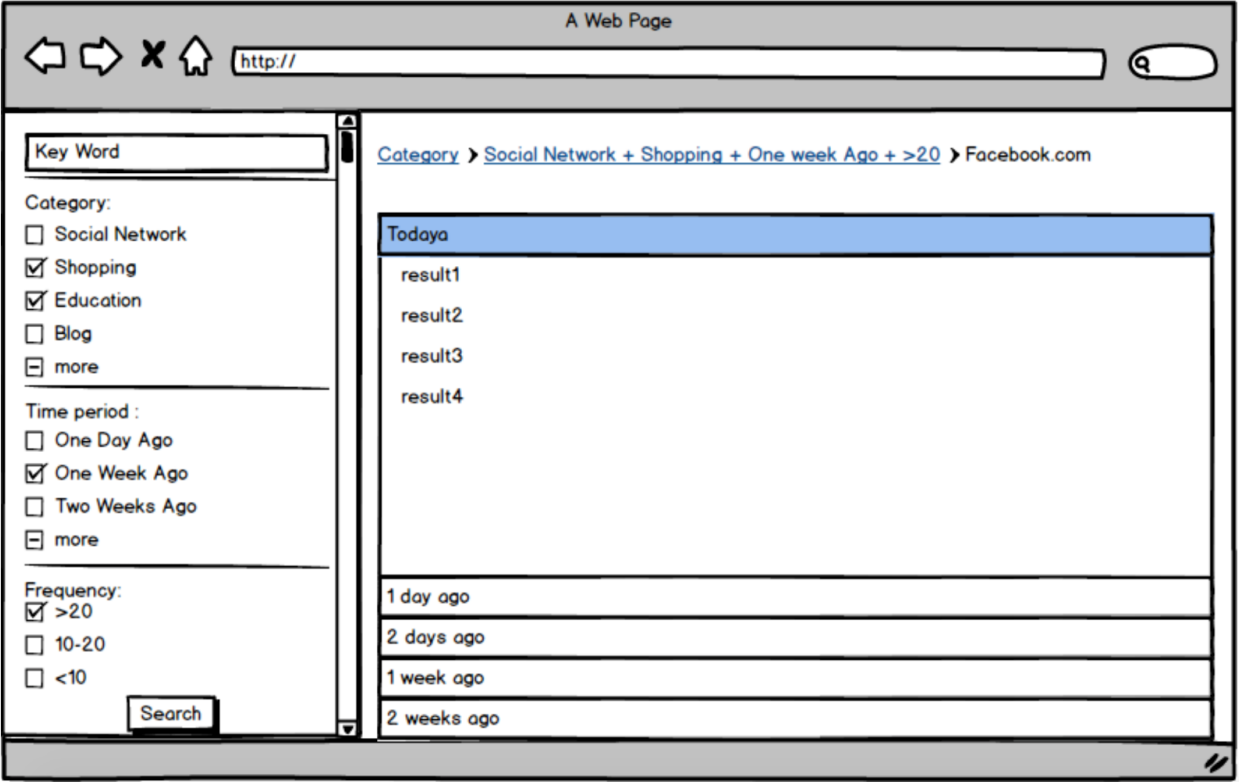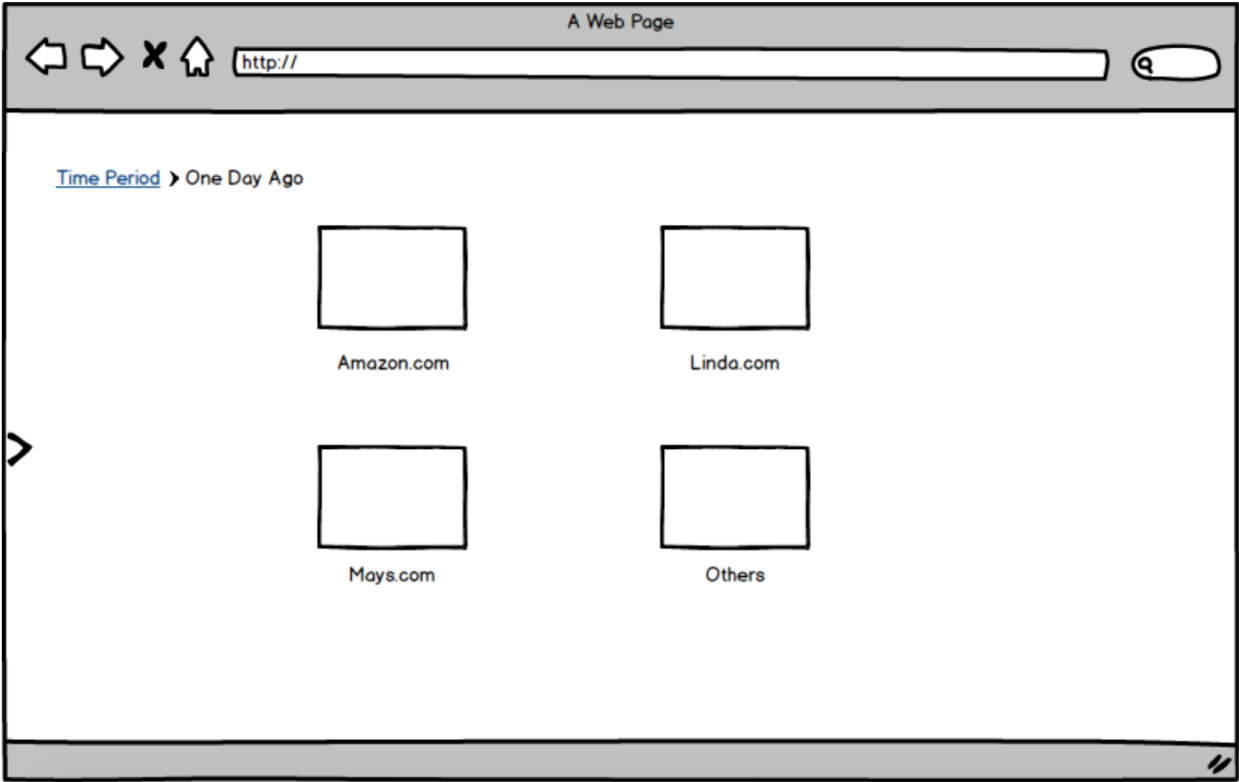

The overview of the Final Prototype.

Stepwise view of the Final Prototype:

User Selects the Time Period attribute.

A Web Page

http://

Time Period ❯ One Day Ago

Amazon.com

Linda.com

Mays.com

Others

A Web Page

http://

Key Word

Category:
☐ Social Network
☑ Shopping
☑ Education
☐ Blog
⊟ more

Time period :
☐ One Day Ago
☑ One Week Ago
☐ Two Weeks Ago
⊟ more

Frequency:
☑ >20
☐ 10-20
☐ <10

Search

Category ❯ Social Network + Shopping + One week Ago + >20 ❯ Facebook.com

Todaya

result1

result2

result3

result4

1 day ago

2 days ago

1 week ago

2 weeks ago

Customized Search.

A Web Page

http://

Category ❯ Social Network ❯ Facebook.com

Todaya
result1
result2
result3
result4

1 day ago
2 days ago
1 week ago
2 weeks ago

Result of the user's customized search.

A Web Page

http://

Category > Social Network

Facebook　　　　Twitter　　　　Tumblr　　　　renren
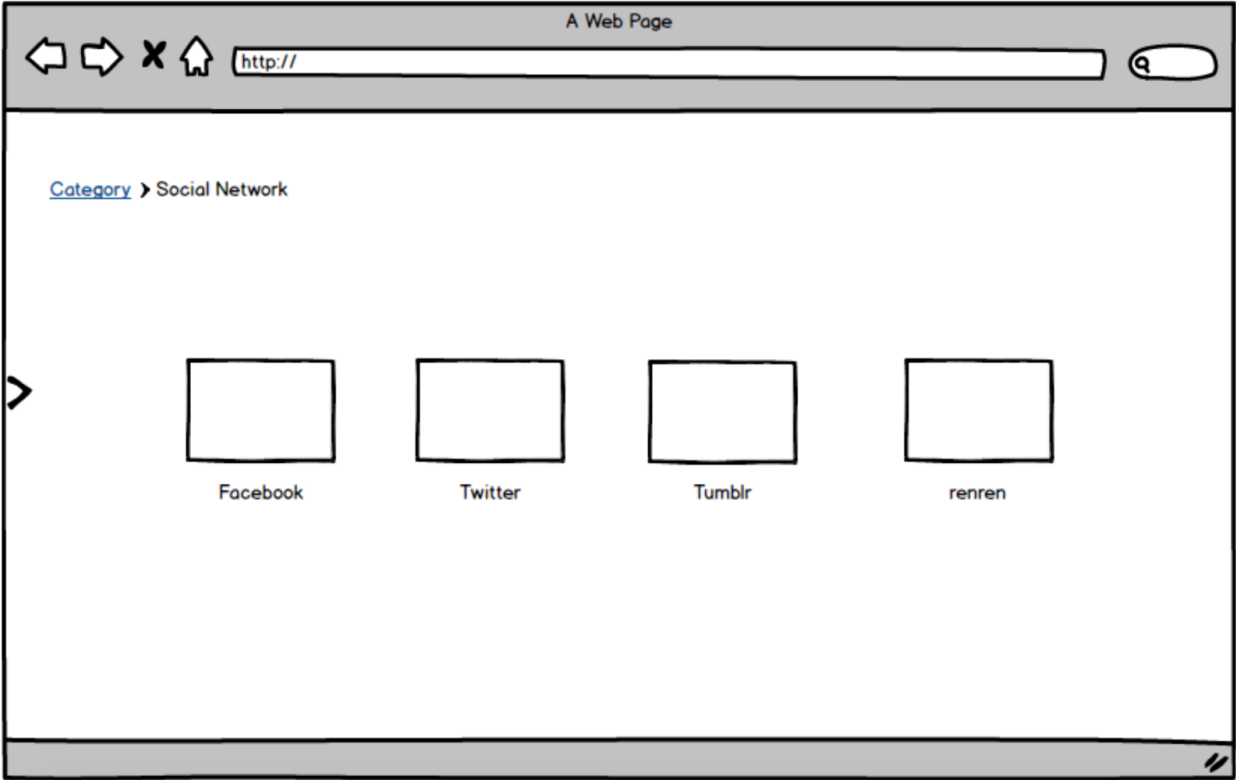
User Selects the Category: Social Network

A Web Page

http://

Key Word

Category:
☑ Social Network
☑ Shopping
☐ Education
☐ Blog
⊟ more

Time period :
☐ One Day Ago
☑ One Week Ago
☐ Two Weeks Ago
⊟ more

Frequency:
☑ >20
☐ 10-20
☐ <10

Search

Category ❯ Social Network + Shopping + One week Ago + >20

Facebook.com

Macys.com

Twitter.com

Others
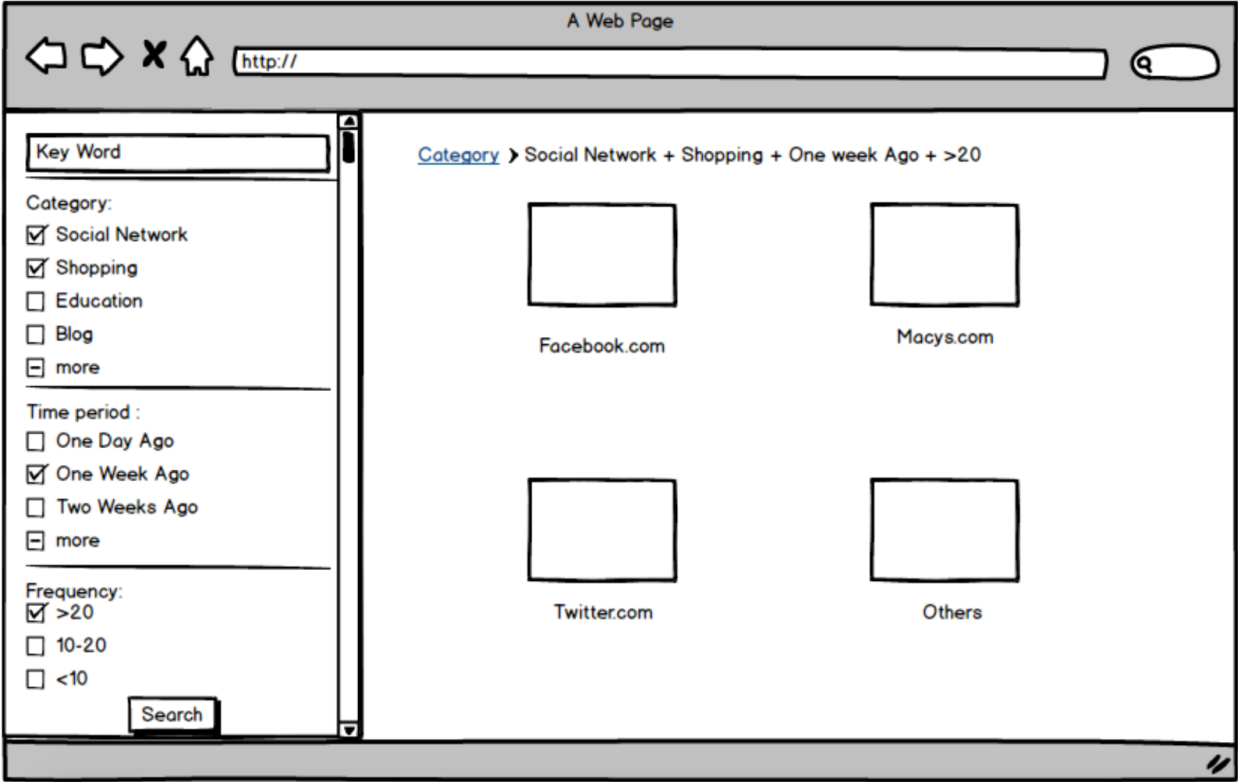
User customizes his Search by selecting time period and the no. of visits to the website.