Track clicks on various URLs

The objective of this assignment is to build a feature that will track URL clicks across the site. This information is useful data mining, and is done by Google, Facebook, Twitter, LinkedIn etc.

PART 1: Wrap an input URL into a Helpshift URL.

If the user types a URL in any text field, we want it to be wrapped into a helpshift URL so that we can track clicks on it. For example: "www.google.com" becomes "www.helpshift.com/link/?url=www.google.com"

For this part of the assignment:

1. Design a page with a search form. (REQUIRED)

When the user enters a term in the form, results from [DuckDuckGo] should be displayed to the user. (Basically, the output should be the same as if the user were on the duckduckgo site). The only difference should be that the URLs displayed on the page should be wrapped URLs. User clicks on these URLs can then be tracked.

PART 2: Track user clicks

When a user clicks on a "trackable" URL, the following things should happen:

1. The code should "track" which URL was clicked. The details of this are left upto you . (REQUIRED)
2. The code should store the "credentials" (in this case, IP) of the user clicking the link. (REQUIRED)
3. The code should some way of sane counting, i.e, count all clicks on a given URL by the same IP in the same minute as 1 click (GOODTOHAVE)

PART 3: Reports

There should be a way to see the following reports:

1. The most popular URLs, based on global clicks by various users (REQUIRED)
2. A "recent browsing history" for a user, given his IP address (REQUIRED)