Slacker Hacker

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Slacker Hacker

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Introduction

Track your productivity and stay on top of your goals.
**Constantly reminded to self-care and to avoid Internet distractions.**

Those are the vision of the developers of Slacker Hacker. Slacker Hacker is a productivity tracking application for Chrome. When embedded in your web browser as an Chrome extension, it turns the new tab into a web application with various functionalities. We are inspired by the idea that while working productively, ones should be reminded constantly to self-care. This leads to a healthier and even more effective work routine.

- The most noticeable change in your web browser is that Slack Hacker turns your new tab into a health reminder. The reminder messages are updated with pictures throughout the day to make sure the users take study breakers, exercise, self-care and eat healthily. This page is also filled with random inspirational quotes to kick off your productivity. (Screen shots below)
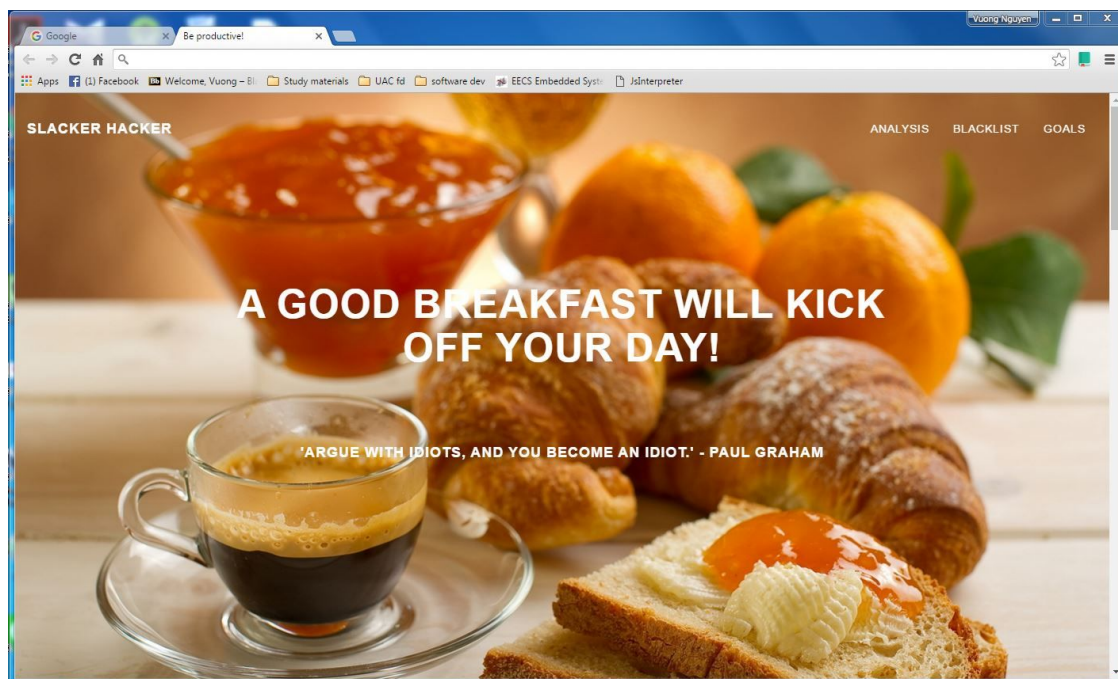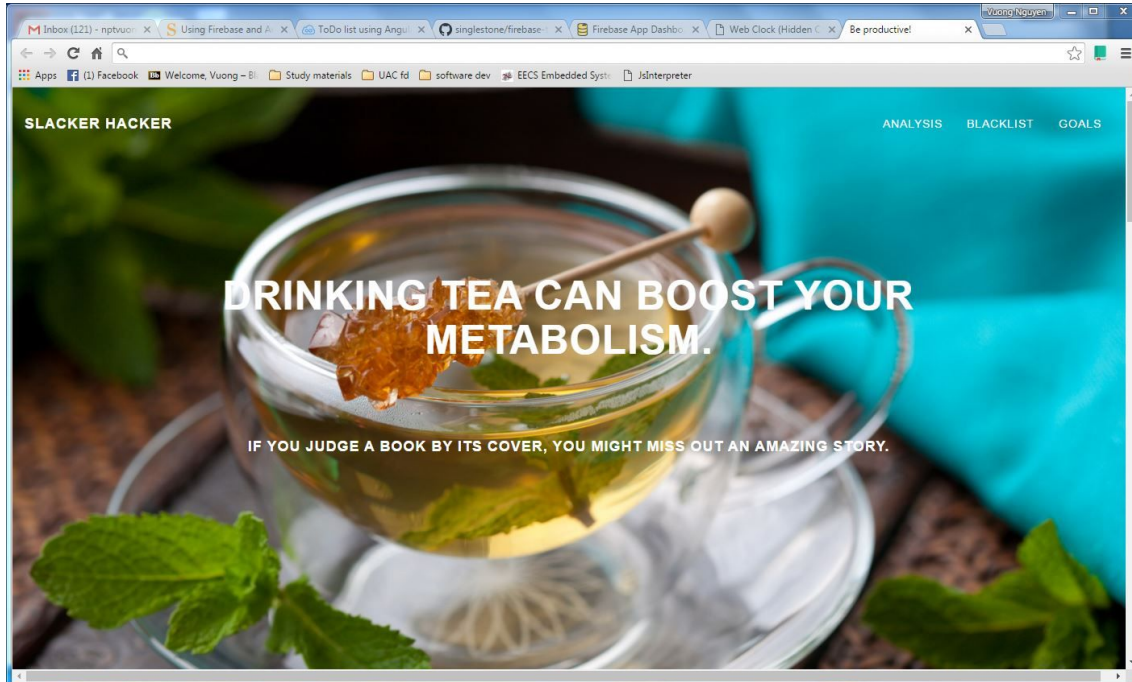
- To identify where your time is wasted in the Internet, Slacker Hacker offers productivity charts to with detailed analysis on how you've spent your time. Whether you have been studying for a few hours or scrolling up and down on Facebook, the application records the exact amount of time you have spent on each website. Moreover, Slacker Hacker includes web-block feature: It sends friendly reminds when you visit the websites you've chosen to be blocked.
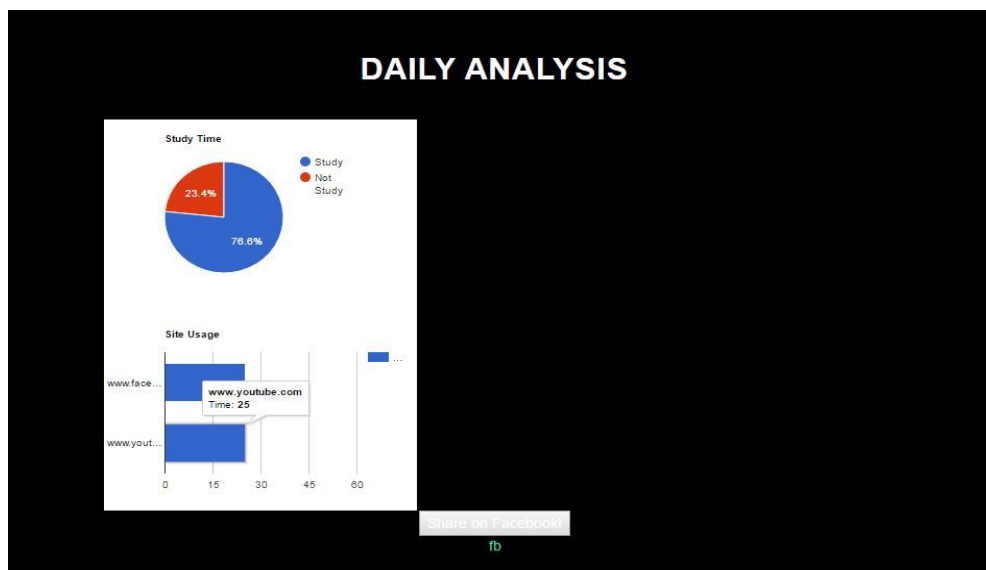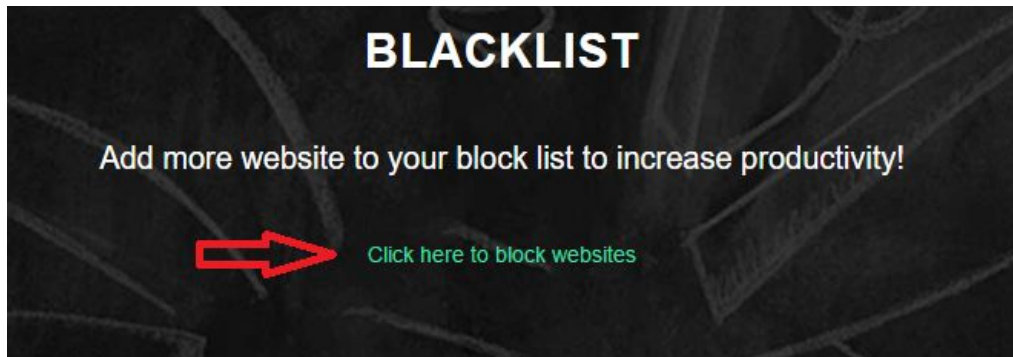
- Slack Hacker also includes a to-dos list. Users can easily create goals and cross them off the list when done.
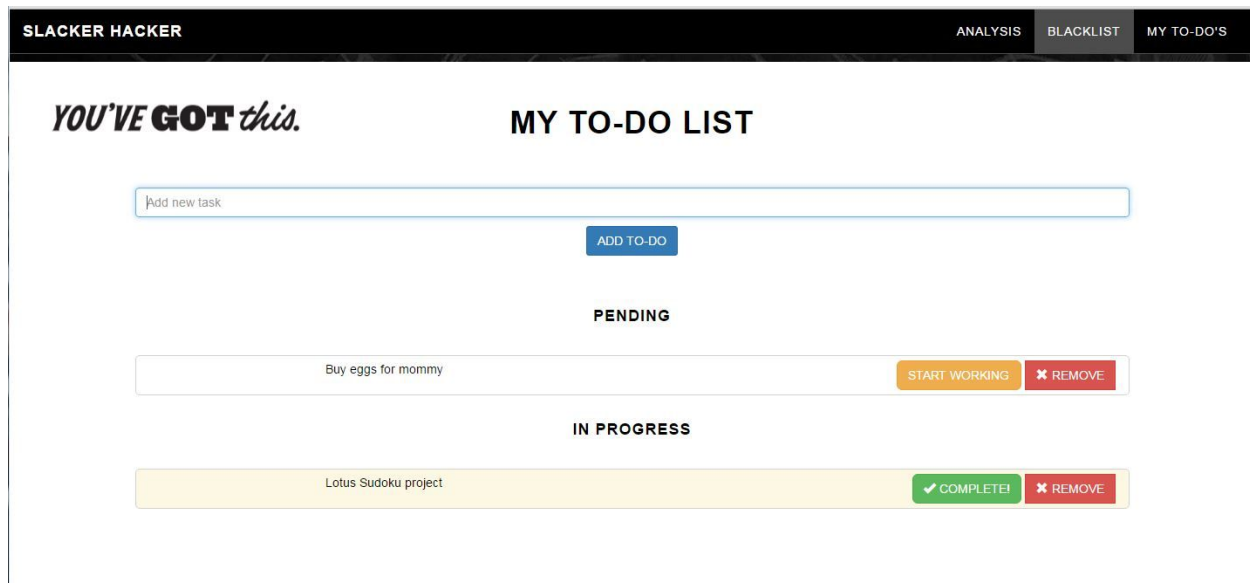
# User Manual

This Document Provides instruction on installation and use of Slacker Hacker, a Chrome™ extension used to help improve a person's productivity while using Google's browser. This Document also provides information on developing from the existing code base of Slacker Hacker.

As of writing this document this product has not been integrated into the chrome web store, and to install this product follow the installation of developer Slacker Hacker section.
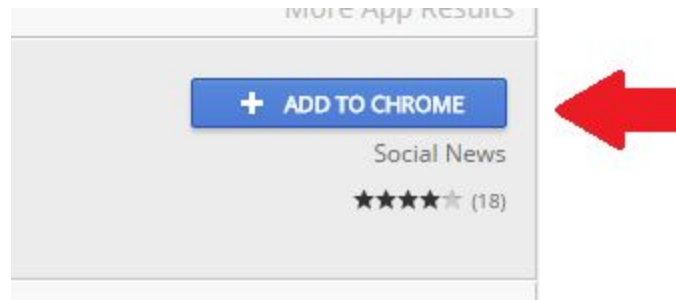
Installation Of Finished Slacker Hacker

1. Open up a Chrome™ browser.

2. In the omnibox type https://chrome.google.com/webstore/category/extensions

3. In the search bar* type Slacker Hacker

    a. *
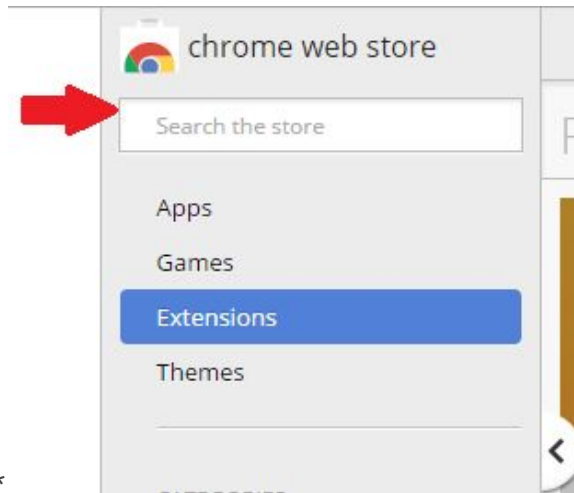
4. On the Hacker Slacker extension click the add to chrome button

    a.

5. On the Popup click add to chrome

6. **<u>Congratulation! You have successfully installed SLACKER HACKER!</u>**

Installation of Developer Slacker Hacker

1. Download the repo from https://github.com/degnoske/EECS448_Project_03

2. Open up a Chrome™ browser and enter chrome://extensions/ into the omnibar

3. Click the developer mode button

a.

4. Click the Load unpacked extension

a.

5. Choose the studytracker folder from the repo downloaded in step 1

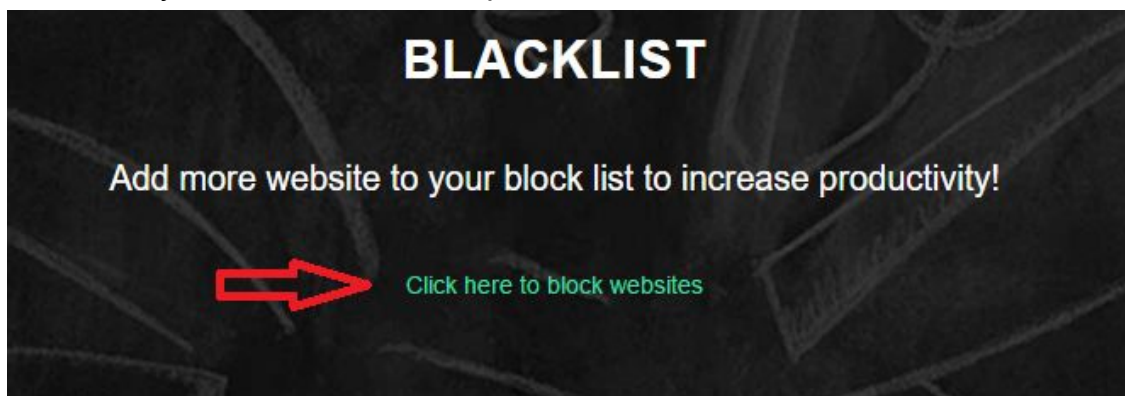6. **Congratulation! You have successfully installed SLACKER HACKER!**

Blocking Sites

The first thing you must do to use Slacker Hacker effectively you must block all sites you deem to be "time wasters" e.g. Facebook.

To block sites
1. open up a new tab.
2. Scroll until you reach the blacklist portion.

3. Click the link.
4. Enter the domain of a site you want blocked and press submit

Block website

Please enter only domain name

Website: www.Facebook.com

Submit

Start Studying

The purpose of this extension is to help you with better study habits, in two ways.
1. Ensure that sites you deem unproductive are "blocked" or at least remind you, you should be studying.
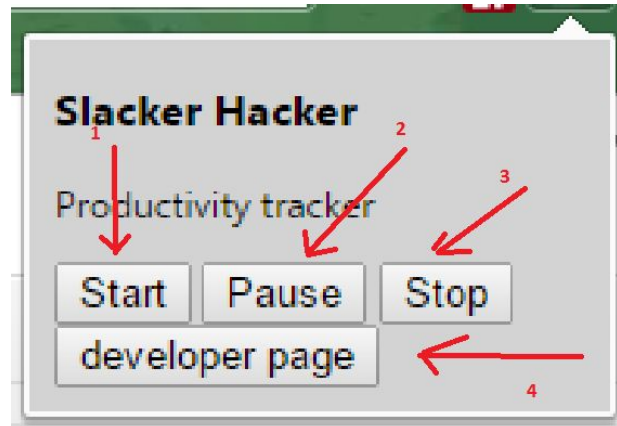2. Keep track of your studying time habits to help you improve your habits.

Both of these ways won't work unless you start the study timer.

To start the study timer:
1. Click on the extension popup in the upper right hand of the browser.
   a.
2. This will open a dropdown

a.
  1. Clicking 'Start' starts the study timer. This will keep track of time spent studying and time spent on sites you decide to "block".
  2. Clicking 'Pause' pauses the timer.
  3. Clicking 'Stop' stops the timer.
  4. If you have downloaded and installed the developer version you will see a developer page button. This is discussed in further detail in the developer section.

To-do List

To do lists are import for productivity. If you open up a new tab in your browser and scroll down you should find your todo list.
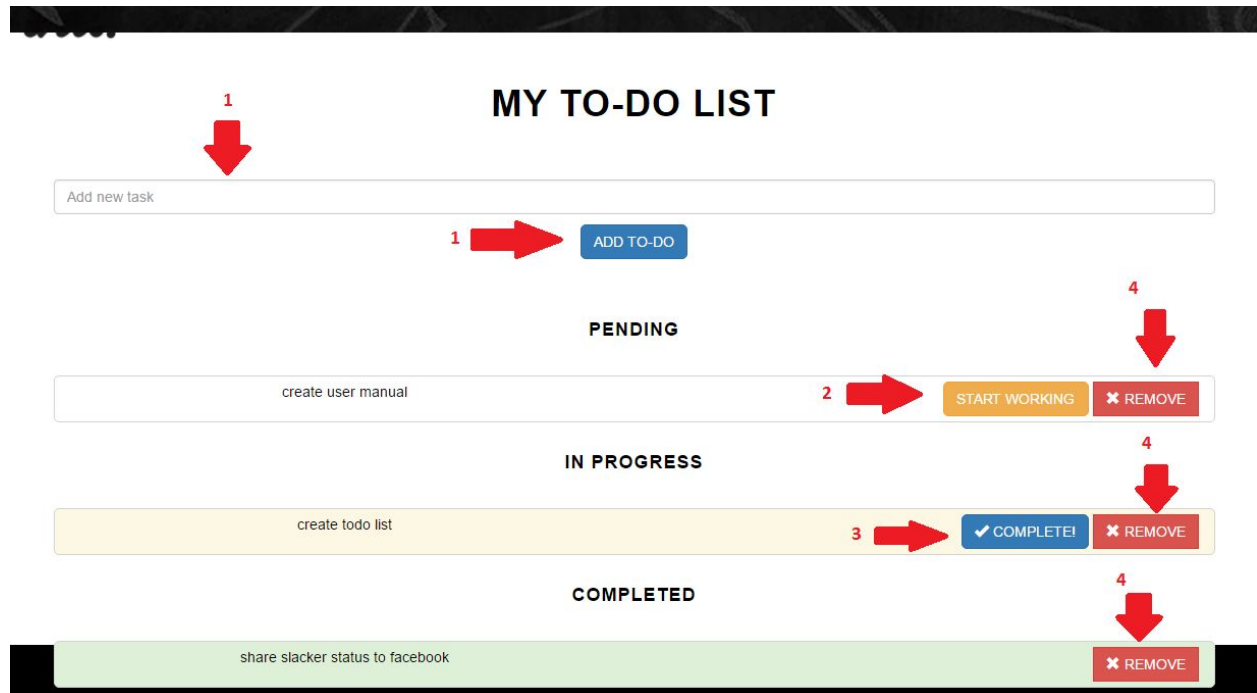
1. To add something to you list enter the new task in add new task text box and then click add to-do
2. To start working on a task click start working on any pending task
3. After finishing a task click the complete button
4. At any point you can remove a task by clicking the remove.

Graphs

Understanding where you spend your time browsing is a great way to increase your studying productivity. If you scroll to the Graphs section on your new tab page you will find graphs detailing your times.
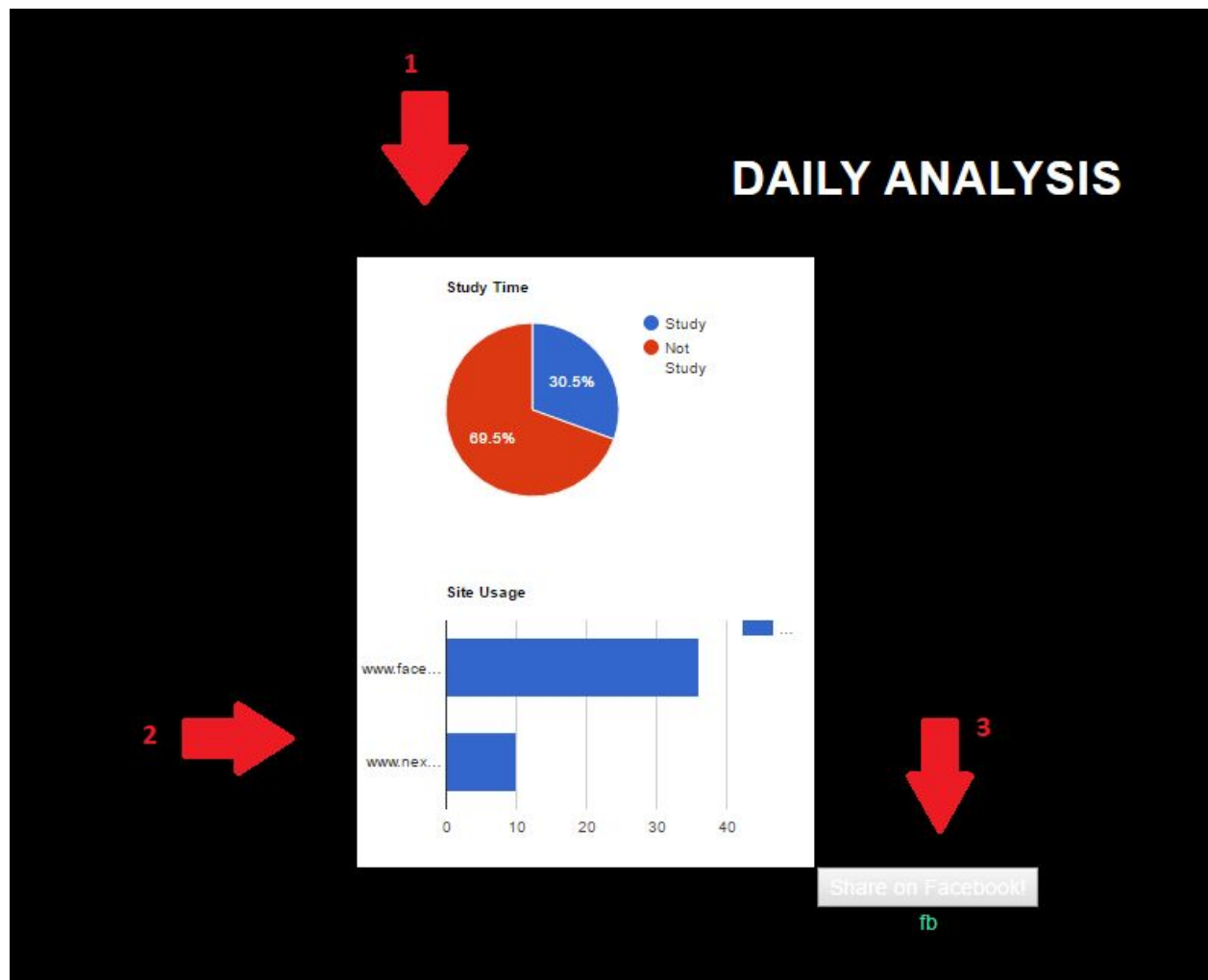
Understanding The graphs

Both graphs keep track of your study time (seconds) in various ways.

1. The top graph is a pie chart detailing time spent studying and time spent not studying (time on sites you have blocked)
2. The bottom graph is a bar graph of time on sites that are blocked by you.

Sharing the graphs

For motivational purposes or any other reason you can share your productivity graphs on facebook by clicking on the share facebook button (Number 3 in picture on page 7).

Developer

See developer installation first.

Under start studying section 1 a you will see an example of the popup from the extension. If you click on the developer page you will be brought to the developer page. This page runs tests to ensure that the functions included in Slacker Hacker are working properly.

This page also contains a function for clearing local storage of all of the studying timers.

Sources:

1) Use of the GNU open source license. Any addition to Slacker Hacker also has to follow all rules when using GNU. http://www.gnu.org/licenses/gpl.html
2) Google charts. https://developers.google.com/chart/
3) XML http://www.w3.org/1999/xhtml
4) AJAX and angular js https://ajax.googleapis.com
5) Firebase and Angular fire https://cdn.firebase.com