**Web Application Requirements**

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**Description:**

We are planning to build a website which allows users to create and filter bookmarks fast when they are browsing webpages. We want to visualize all the bookmarks the user has made and allow them to add notes and tags easily.

**Purpose:**

* Bookmark a site fast.
* Add notes and tags in the bookmarks easily
* Record the visit number and sort the most popular bookmarks
* Quickly search or filter your bookmarks

**Marketing:**

Advertisement on Social media, web search engine marketing and mobile marketing.

**Target Audience:**

The people who browse large amount contents everyday, or who have bunch of stuff need to keep in mind or be reminded over and over. For example, programmer needed to store a lot of technological blogs to make everything important by hands.

**Competition / Examples:**

http://bookmarkly.com/

**Technical Requirements:**

1. Server type: EC2
2. Hypervizor: VituralBox(HomeStead)
3. Web Server: Apache or Nginx
4. Database: MySQL or Sql Server*, easy to implement.*
5. Scripting Language: PHP, Javascript
6. Support Libraries: Facebook Login API, Google Analysis
7. Framework: Laravel, backbone.js, PhantomJS
8. Access to server: SSH
9. Access to database: Root and Admin
10. Security / Authentication: How do you plan to encrypt passwords, and authenticate users?

Facebook API would provide necessary user login information authentication.