

Link Checker WebApp

Web application to check several backlinks grouped by project automatically

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ELCAN SOFTWARE



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1 Document Version Control

Version	Author	Reviewer	Approver	Date	Change log
1.0	Mario O. Villarroel	J.P. Aguilar	Zaitec	2017-09-20	Initial Version

2 Project distribution list

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3 Document Prupose

This document depicts the design desition made and the different composing parts, including user requirements and it's analysis.

4 System Requirements

The following table lists the user requirements from the original system request.

1. The system shall allow the unique user identification
2. The system shall ask for username and password to access it
3. The system shall identify a special user as administrator who will be able to
 - (a) Add other users to the system.
 - (b) Permanently delete objects from the system.
 - (c) recover user deleted items.
 - (d) block users from login in.
 - (e) Unblock the users blocked.
4. The system shall allow to list, create, modify and delete "projects" to group link checker items.
5. The system shall allow to list, create, modify and delete "link checker" items.
6. The system shall check the link status automatically when displaying the checker list
7. The system must be developed in PHP
8. The system could be developed using the Laravel framework.
9. The system will have an admin template in use for it's display.

5 System Design

5.1 Entity Relationship Diagram

5.2 Use Cases

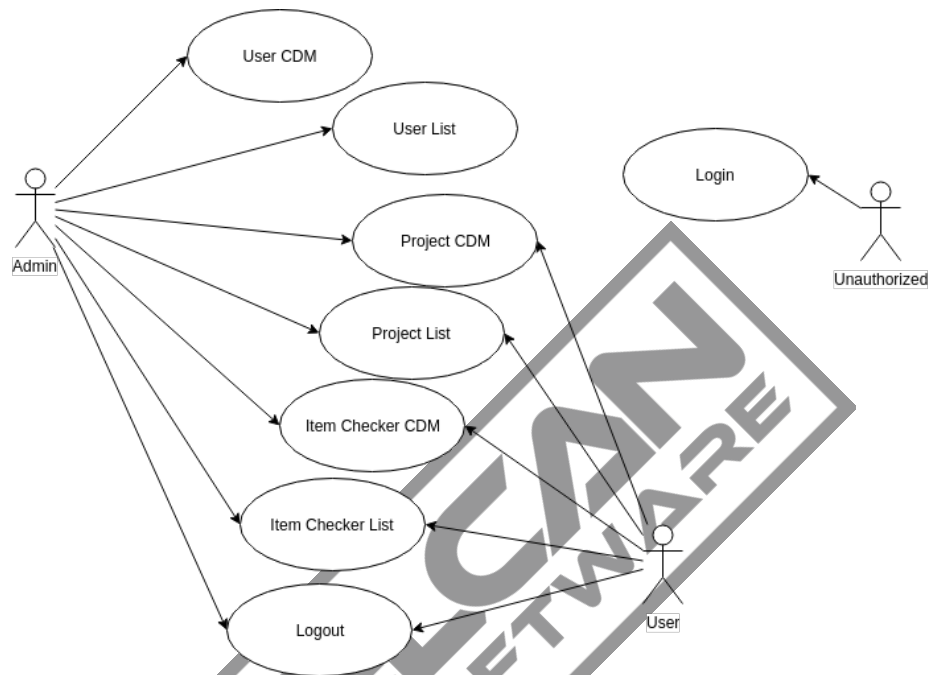


Figure 1: System use cases

5.3 Design desitions

- The link checker items list will be paged
- The link checker items page will have 15 items by default, 25 as a second option and 50 as the last one.
- The Angular library will be used for the interface wherever it applies.