

Msc Design & Digital Media: Final Project

RetinaDestruction

Supervising Professor: John Lee

Abstract:

The objective of this dissertation is the design and implementation of a web application called Retina-Destruction. This system is used to generate customizable portfolio websites for visual artists. The contents and interface design of these websites are completely customizable by the registered users. These websites are hosted in the system and are accessible from a unique URL address. Emphasis is given to the ways of securing web applications and their implementation to this system through carefully designed algorithms as well as the instructions provided by the OWASP (Open Web Application Security Project) community.

The written part of this project analyzes the functions of the system, the structure of the database, the logic behind the organization of the code functions in files and presents some selected operations of the system. Also included is a breakdown of the graphical interfaces of the system, and the decisions behind them.

Used Technologies:

XHTML, PHP, CSS, JavaScript, AJAX (jQuery library), MySQL, JSON.

The system is temporarily accessible at: <http://dimitrioschantzis.com/rdsystem/>.

There is a testing account with *username:* james.doe@gmail.com and *password:* *qwaszxqwaszx*