[](http://www.uwa.edu.au/university-campaigns-resources/emailsig-resources/uwa-logo/)

**Project Requirements Document**

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# INTRODUCTION

## Problem Statement, Goals & Objectives

### Problem Statement

Humanity and social sciences researchers spend a large portion of their time trying to find the appropriate journals to publish their work. There is a master list for all SSCI and A&HCI journals with their journal title, publisher, ISSN number, country and language. However, there is no information available regarding the journals formatting requirements and other important details.

### Goals & Objectives

Provide a spreadsheet identifying the frequency of publishing for SSCI and A&HCI journals as well as the URL’s for the journal homepage and journal submission guidelines page. This will

* Save researchers energy and time in researching appropriate journals for required publications by providing them with the correct URL’s directly.
* Help researchers easily find new destinations for users’ publications

## Constraints

The following constraints have been identified for the project:

* Only 12 weeks have been provided to complete the project.
* There is no standard URL for all journal home pages and submission guidelines pages. Every journal has a unique URL format making it impossible to create one general program to find all the journal URL’s.
* Publishers use abbreviations for the journal names in the URL making it difficult to find the URL’s as substituting the journal name into the URL is no longer an option (e.g. https://academic.oup.com/ajcl). In addition, the abbreviations are random and as a result difficult to find.
* Publishers use journal numbers that are different from the ISSN values making it difficult to find the URL’s as these numbers are unique to the publisher (e.g. https://www.palgrave.com/gp/journal/41267/authors/aims-scope).
* Search engines block programs from running after a certain number of searches have been performed slowing down the progress of the project.
* The html code for the journal home pages and web pages changes over time which prevents it from being found by the program in the future.

# REQUIREMENTS

|  |  |  |
| --- | --- | --- |
| User Story | Currently Met? | Priority |
| User Story 1: As a system user, I would need access to the journals homepage. | Completed | Should |
| User Story 2: As a researcher, I would need the journals submissions requirements webpages on a spreadsheet. | Completed | Must |
| User Story 3: As a researcher, I would like access to the journal’s frequency of publishing on a spreadsheet easily. | Completed | Must |

# testing

The journal URL’s for different publishers have been tested. This was done by manually going to the link produced by the program to see if it is the correct URL. A random sample of the journal URL’s from each publisher was tested and the following results obtained:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Publisher | Total Journals | Number of journals tested | Number of correct journals tested | Accuracy  ( % ) |
| Sage | 448 | 30 | 30 | 100 |
| Springer | 299 | 23 | 23 | 100 |
| Taylor & Francis | 785 | 30 | 30 | 100 |
| Elsevier | 338 | 31 | 31 | 100 |
| Cambridge | 224 | 30 | 25 | 83.3 |
| Wiley | 494 | 43 | 36 | 83.7 |
| John Hopkins Univ Press | 57 | 20 | 20 | 100 |
| Annual Reviews | 13 | 4 | 4 | 100 |
| Consejo | 24 | 7 | 7 | 100 |
| Biomed Central LTD | 24 | 6 | 6 | 100 |
| De Gruyter Mouton | 18 | 6 | 6 | 100 |
| Edinburgh Univ Press | 18 | 6 | 6 | 100 |
| Educational Publishing Foundation – American Psychological Assoc | 18 | 4 | 4 | 100 |
| Hogrefe & Huber Publishers | 18 | 5 | 5 | 100 |
| Indiana Univ Press | 7 | 5 | 5 | 100 |
| Informs | 9 | 4 | 4 | 100 |
| MIT Press | 24 | 6 | 6 | 100 |
| Palgrave Macmillan LTD | 26 | 14 | 13 | 92.8 |
| Univ California Press | 16 | 4 | 4 | 100 |
| Univ Illinois Press | 9 | 4 | 4 | 100 |
| UNIV TORONTO PRESS INC | 11 | 7 | 7 | 100 |
| Human Kinetics | 8 | 8 | 8 | 100 |
| Academiai Kiado Rt | 8 | 8 | 8 | 100 |
| Univ Pennsylvania Press | 7 | 7 | 7 | 100 |
| Guilford Publications INC | 7 | 6 | 6 | 100 |
| Amer Economic Assoc | 7 | 7 | 7 | 100 |
| BMJ Publishing Group | 7 | 7 | 7 | 100 |
| Univ Wisconsin Press | 6 | 5 | 5 | 100 |

The programs created in this project produced a very high percentage of accuracy which shows that the URL’s produced were correct.