**IRCI Research Graph
Use Case Specification: Search Researchers**

Version 2.0

Revision History

Date	Version	Description	Author
12 Sept 2017	1.0	Initiation	Daniel Siahaan
26 Aug 2019	2.0	Update business process	Daniel Siahaan

Table of Contents

Use Case Specification: Search Researchers

1. Search Researchers

1.1 Brief Description

This use case describes how the actor, i.e. Submitter or Viewer, search for researcher profiles and their publications based on a keyword.
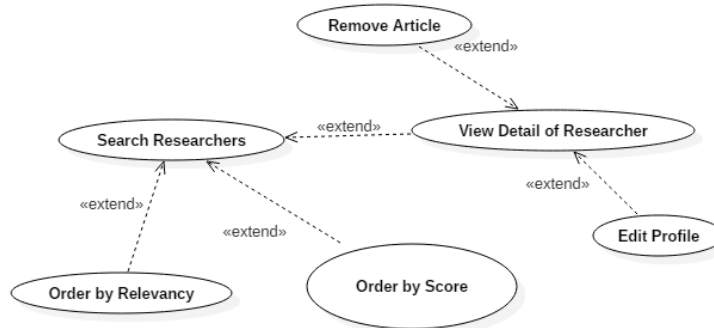
2. Flow of Events

2.1 Basic Flow

The system shows a front page that contains a search field.
1. The actor enters a keyword on the search field and clicks on the Search Button.
2. The system shows a progress bar.
3. After it has finished searching, the system views the list of researchers which are relevant to the keyword being entered.

2.2 Alternative Flows

n.a.

2.3 Exceptions

3e. If there is **No Relevant Researchers** previously input, the system shows a page with 'No researcher found' message.

3. Special Requirements

1. Only authorized and authenticated submitter may remove an article from his/her profile.
2. Only authorized and authenticated submitter may edit his/her profile.
3. The metadata of article should comply to Dublin Core Metadata Initiatives (DCMI).

4. Pre-Conditions

n.a.

5.   Post-Conditions

n.a.

6.   Extension Points

3a. The actor can change the view of search result based on **Order by Relevancy** of the researchers to the given keyword.

3a.1 The actor clicks on Relevant menu

3a.2 The system refreshes the view and order the researchers based on their relevancy.

3b. The actor can change the view of articles based on **Order by Score** of researchers.

3b.1 The actor clicks on Score menu

3b.2 The system refreshes the view and order the researchers based on their scores.

3c. The actor can **View Detail Researcher** of profile.

3c.1 The Submitter clicks on the name of the researcher.

3c.2 The system shows the profile and list of his/her published articles.

3d.2a The Submitter **Remove** his **Article**.

3d.2a.1 The Submitter clicks on Remove button of the article.

3d.2a.2 The system reshows the profile and list of his/her published articles.

3d.2b The Submitter **Edit** his/her **Profile**.

3d.2b.1 The Submitter clicks on Edit Profile button.

3d.2b.2 The system shows the profile form.

3d.2b.2 The Submitter edit a field, and click Save button.

3d.2b.2 The system shows a progress bar. After it is finished, the system reshows the profile and list of his/her published articles.