Software Systems Development

PAPER RANKER

- TEAM NAME – "DEVALAPPARZ"

- INSTRUCTOR – CHARU SHARMA

- MENTOR – ASHUTOSH RANJAN

- PROJECT GITHUB REPO - PAPER-RANKER-21

- MEMBERS DETAILS-
    a. *Ashish Chauhan (2021201044)*
    b. *Jayaraj Balagopal (2021201056)*
    c. *Vineet Agrawal (2021201049)*
    d. *Shreyash Agrawal (2021201074)*
    e. *Arun Padakanti (2021201007)*

1. <u>REQUIREMENTS</u>:

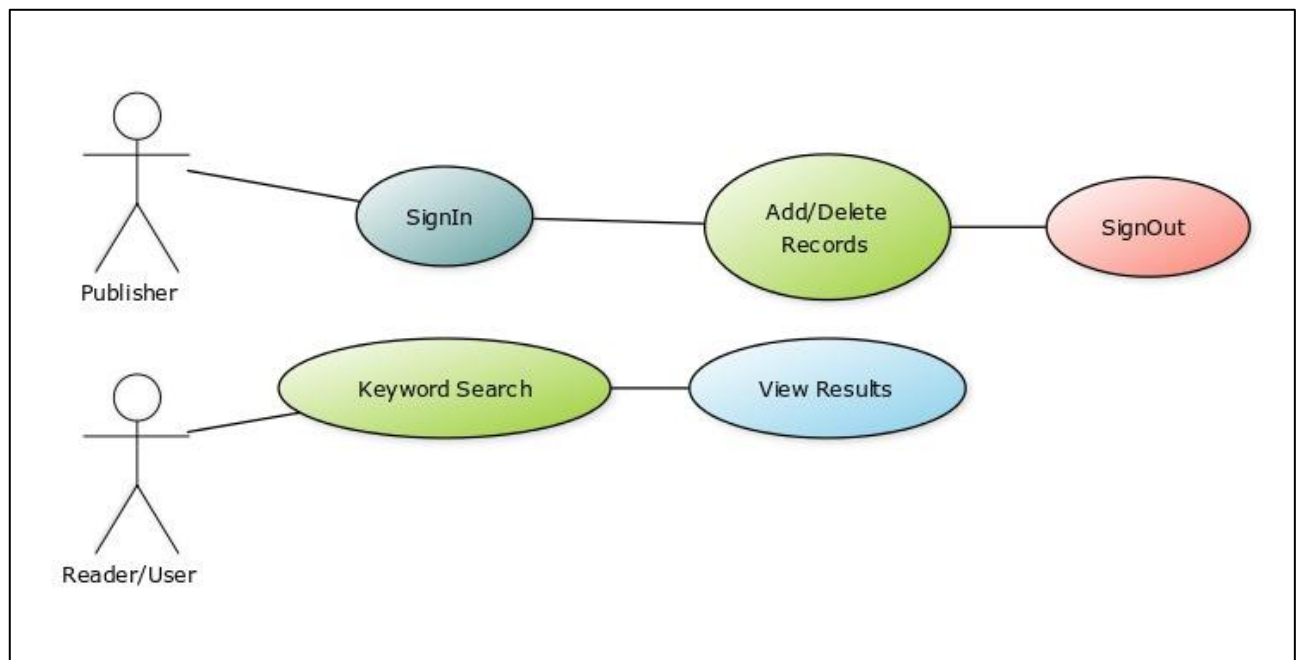A. Stakeholders-

   i. Reader/User

  ii. Publisher

B. Roles and Responsibilities of Stakeholders-

   i. Reader/User:

      a) Search for the research papers as per the keyword.

      b) From the list of research papers shown, select one or more and read.

  ii. Publisher:

      a) Provide login credentials to get authenticated.

      b) Manage the conference papers he has access to (added under his login).

C. Requirements in Details-

ID	REQUIREMENT NAME	CATEGORY	DESCRIPTION	OWNER
1.	Design	Frontend	Web Template Design	Vineet & Ashish
2.	API Integration	Frontend	Dynamically populating data through API	Arun & Vineet
3.	API Development	Backend	Developing APIs for interfacing with the frontend	Arun & Shreyash
4.	Database handling	Backend	Database CRUD operations	Shreyash & Jayaraj
5.	External Data Curation	Backend	Scraping information from external sources	Jayaraj & Ashish

2. <u>WORKFLOW</u>:

3. <u>TECHNOLOGY STACK</u>:

A. Frontend: HTML5, CSS3, JS, Bootstrap, jQuery.

B. Backend: MongoDB, Flask, Python

C. Others: BeautifulSoup, RestAPI.