**Research Content Management**

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**Group – 1**

**Title of the project :** Research Content Management

**Description :** In this project we as a team developing a website where faculty and staff can save their all the research papers which they have worked on and search for the research paper using sorting functions, which helps the author to find out easily when the number count is high . We will have a signup and login page where faculty can register. We further have a page where faculty can upload their saved files and notify what topic, year, and subtopics that the paper belongs to. Faculty can search their uploaded papers by using sorting functions like topic, year, and subtopics. The desired research paper content is displayed after clicking on it in the pdf format. The format is editable, and author can review and add the comments or note the important information in it in a comment section text box.

**Technology used :** HTML, CSS, JavaScript, React, and Firebase.

**Login and register page:** In this login and register page faculties can register their account and login by entering username and password. For storing login credentials, we use firebase.

**Search and Upload page:** Once author registers or login, they can create and upload the research paper or search for the desired paper using sorting functions. Upload is done by uploading a file and notifying what topic, year, title of paper and technique does the paper belong to. Sorting is done using either a technique, year, topic and title of paper.

**Displaying papers according to search:** Papers are displayed according to the search operations performed by the user. Papers are displayed as a list.

**Viewing, Updating, and Adding comments:** User can view his saved pdf files and review them and highlight the keywords from his pdf file. Comments can also be added in the comments section box so that he can review the comments for future use and update the file accordingly.

According to search operations the page should navigate to display files page.