

# Bracu Research Portal

---



## An Introduction to our project

How would it be if there was an interactive research portal for our institution rather than conventional boring Dspace? It would be great right? Our project tends to build an interactive repository for institutions. Here we will be able to verify with our institution emails, connect with other researchers from our institution, help other researchers, share resources, volunteer for projects and know about each other.

by **Jaima Zahin, Prodipta Joty Dakua, Ishmam Jahan Oyshi, Mashiyat Mahjabin Eshita, Ishmam Bin Rofi**

---

## Feature List

### 1. **Add Authors, Papers**

This feature allows users to add authors and their associated works (papers, preprints) to the database. This is crucial for building up the repository and ensuring it has a wide range of research materials.

### 2. **Delete a Paper/Preprint/Work or Author**

This feature provides the ability to remove a paper, preprint, work, or author from the database. This could be necessary in cases where an item was added erroneously or is no longer relevant.

### 3. **Update Existing Database**

This feature enables the updating of the existing database by adding new works of an existing author. This ensures that the database stays current and accurately reflects the latest contributions of each author.

### 4. **Relation Between Author, Papers, and Publisher**

This feature visualizes the relationship between authors, their papers, and publishers in a graph or tree format. This can help users understand the connections and collaborations between different entities in the research community.

### 5. **Paper Sort According to Citations**

This feature allows users to sort papers based on their quality or the number of citations they have received. This can help users identify the most influential or high-quality papers in a particular field.

### 6. **Search Paper or Authors**



---

This feature provides search functionality that allows users to find specific papers or authors in the database. This is a crucial feature for any research repository, as it enables users to quickly find the information they are looking for.

#### **7. Borrow And Lend**

This feature allows other users to ask for a paper or a resource that one of the researchers possesses. Thus it helps to share resources among the community.

#### **8. Volunteer for a project**

A volunteer can volunteer for an existing project of a researcher. Such as volunteering for a survey or an interview.

EER diagram for our database

BracU Research Portal

