Functional Requirements of Research Papers Tracker

Objective :

The researcher management system provides a set of functions for researchers, including adding, editing, and deleting research papers, as well as checking the status of their papers. The dashboard allows users to navigate through different departments and access a comprehensive list of approved research papers categorized by department. Users can manage their profiles and research papers, including making changes to personal information, uploading and submitting research papers, and editing or deleting existing papers. The system also includes features for attaching files, applying for patents, and tracking the approval status of research papers. Admins have additional capabilities to review and approve pending research papers, funding applications, and patent requests.
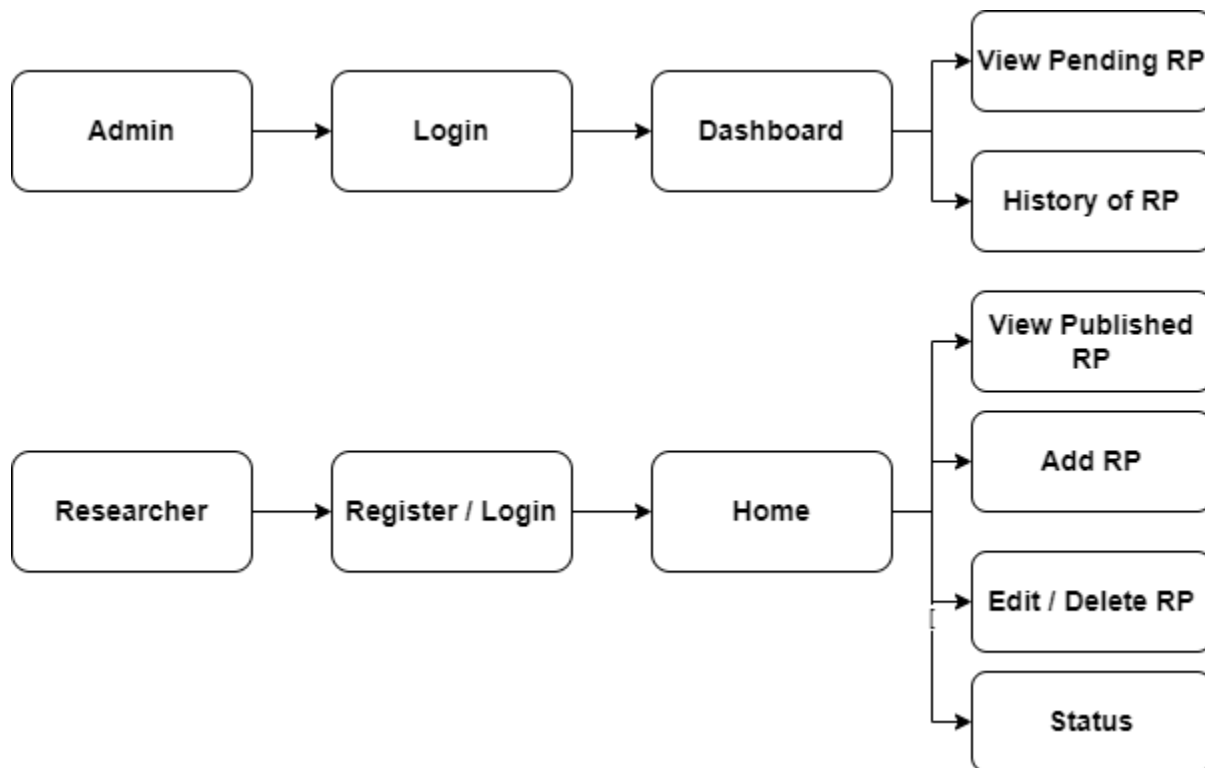
Features supported in application:

Functions available for researcher (student/faculty) are as follows:

1. Add research paper
2. Edit research paper
3. Delete research paper
4. Status of research paper

Functions available for Admin are as follows:

1. View pending research paper
2. View history of   research papers

Research Tracker Dashboard Workflow :

Features for student/faculty :

Dashboard >> List of department >> List of published research papers
OR
Dashboard >> Add research paper >> Upload research paper >> submit
OR
Dashboard >> Edit research paper >> resubmit
OR
Dashboard >> Delete research paper >> view research paper >> delete

Features for Admin :

Admin Dashboard >> View pending research paper >> approve
OR
Admin Dashboard >> history >> view research paper (approved / rejected / pending)

The above mentioned summarizes the approved research papers categorized by departments. It allows users to navigate through different departments and access information about the research papers associated with each department. The feature offers a comprehensive list of approved papers, including details like titles, authors, publication dates, and abstracts.

Field name	Description
Add research paper	Allows the user to add new research paper
Edit/Delete research paper	Allows the user to edit/delete the research paper
Status of research paper	Displays the current status of research paper
View pending research paper	Allows the admin to view research paper
History	Allows admin to view all research papers

Researcher (student/faculty) Interactions :

- On the user's home page, clicking the profile field reveals options like Edit profile, Add research paper, Edit research paper, Delete research paper, and Status of research papers, enabling users to manage their profiles and research papers efficiently.

- **Field Description :**

   1. Click **edit profile** to make changes or updates to their personal information and profile details.
   2. Click **Add research pape**r to upload and submit their research papers, providing a platform for sharing and contributing their scholarly work.
   3. Click **Edit / Delete research paper** to edit and remove previously uploaded research papers, providing control and flexibility over their submitted scholarly work.
   4. Click **Status** displays the status of their uploaded research paper.

   1. **Add Research Paper :**

      Add research paper >> upload research paper >> submit

      Click the **title** field to enter the title of the research paper.

Click the **domain** field to specify the respective domain.
Click the **funding field** to indicate international funding or other sources.
Click the **patent field** to apply for a patent.
Click on **upload** to attach the research paper.
Click on **submit** to submit the research paper.

Field Description :

- Clicking on the **funding field** , indicates whether the research received international funding or funding from other sources.
- Clicking on the **patent field** provides an option to apply for a patent related to the research paper.
- By clicking on **upload**, you can attach the file or document containing the research paper.
- Clicking on **submit** finalizes the process and submits the research paper for review or publication.

2. **Edit/Delete Research Paper:**

Edit research paper >> resubmit

Delete research paper >> view research paper >> delete

Click on **edit** to modify the submitted research paper.
After editing the research paper, click on **update** to save and update the changes made to the research paper.
Click on **delete** to permanently remove the selected research paper.

Field Description :

- Edit allows the user to access and modify the details of a submitted research paper.
- After making the desired changes, it saves and updates the modified version of the research paper with the applied changes.
- Clicking on delete deletes the selected research paper.

3. **Status of Research Paper:**

Status >> view research paper >> view status (funding / patent)

Click on **status**, it displays the status of the research paper, primarily indicating the approval or rejection status of your published paper, funding, and patent applications.

Click **Back to Home** to navigate back to the Home.

Click **Logout** to logout.

Admin Interactions :

1. Clicking on View Pending Research Paper displays a department-wise list of submitted research papers awaiting review.
2. The admin can then approve or reject the requested research papers, funding applications, and patent requests.
3. Clicking on History shows a department-wise list of published research papers.

Field Description :

- The admin has the authority to review the research papers, funding applications, and patent requests listed under the **View Pending Research Paper** section.
- Clicking on **History,** this action grants the admin access to a department-wise list of previously published research papers.