ReMa - Research Material Submission Tracker

Repository Structure

.idea
- .gitignore
- modules.xml
- Submission_Tracker.iml
- vcs.xml

public
- prof_script.js

SQL
- Data Population.sql
- Database_schemas.sql

src
- routes
  - prof_routes
    - conferences.js
    - deadlines.js
    - mail.js
    - prof_dashboard.js
    - reading_list.js
    - research_projects.js
    - sponsored_projects.js
    - students.js
    - todo.js
    - under_review_papers.js
  - student_routes
    - conferences.js
    - deadlines.js
    - profs.js
    - reading_list.js
    - research_projects.js
    - student_dashboard.js
    - todo.js
    - under_review_papers.js
  - admin.js
  - dashboard.js
- utils
  - db.js
  - utility_functions.js

```
views
    ● partials
            ○ footer.ejs
            ○ header.ejs
            ○ nav_bar_student.ejs
            ○ nav_bar.ejs
            ○ student_script.ejs
            ○ task_mgmt_prof.ejs
            ○ task_mgmt_student.ejs
            ○ view_project.ejs
    ● admin.ejs
    ● home.ejs
    ● login.ejs
    ● mail_prof.ejs
    ● prof_conferences.ejs
    ● prof_students.ejs
    ● profs.ejs
    ● reading_list_prof.ejs
    ● reading_list_student.ejs
    ● register.ejs
    ● research_projects_prof.ejs
    ● research_projects_student.ejs
    ● sponsored_projects.ejs
    ● student_conferences.ejs
    ● under_review_papers_prof.ejs
    ● under_review_papers_student.ejs

.env
.gitignore
img_1.png
img_2.png
img_3.png
img_4.png
img.png
index.js
makefile
package-lock.json
package.json
README.md
```

Repository Structure

Root Directory

- `.idea/`
  Stores project metadata (used by IDEs like JetBrains products).
- `.gitignore`
  Specifies intentionally untracked files to ignore in version control (e.g., `.env`, node_modules).
- `modules.xml`, `Submission_Tracker.iml`, `vcs.xml`
  Configuration files for your IDE.
- `index.js`
  The entry point for the backend application. Configures middleware, routes, and starts the server.
- `makefile`
  Automation script to manage tasks like starting the server, running tests, etc.
- `package.json`
  Defines project dependencies, scripts, and metadata for the Node.js application.
- `package-lock.json`
  Tracks precise dependency versions for reproducible builds.
- `.env`
  Contains sensitive environment variables such as database credentials and server configurations.

Frontend

public/

- **prof_script.js**
  Handles client-side logic for professor-specific features.

views/

Contains EJS templates for server-side rendering.

- partials/
  - **footer.ejs**: Shared footer across pages.
  - **header.ejs**: Shared header with the site title and metadata.
  - **nav_bar.ejs**: Common navigation bar.
  - **nav_bar_student.ejs**: Navigation bar tailored for students.
- **Page Templates**
  - **task_mgmt_prof.ejs**: Page for professors to manage tasks.
  - **task_mgmt_student.ejs**: Page for students to manage tasks.
  - **view_project.ejs**: Displays project details.
  - **admin.ejs**: Admin dashboard for managing the system.
  - **home.ejs**: Landing page of the application.
  - **login.ejs**: Login page for authentication.
  - **mail_prof.ejs**: Mail interface for professors.
  - **prof_conferences.ejs**: Page to manage professor-related conferences.
  - **prof_students.ejs**: Page for professors to view and manage students.
  - **profs.ejs**: General professor-related information.
  - **reading_list_prof.ejs**: Reading list for professors.
  - **reading_list_student.ejs**: Reading list for students.
  - **register.ejs**: Registration page for new users.
  - **research_projects_prof.ejs**: Research projects dashboard for professors.
  - **research_projects_student.ejs**: Research projects dashboard for students.
  - **sponsored_projects.ejs**: Dashboard for managing sponsored projects.
  - **student_conferences.ejs**: Conference page for students.
  - **under_review_papers_prof.ejs**: Under-review papers for professors.
  - **under_review_papers_student.ejs**: Under-review papers for students.

Backend

src/

Contains server-side logic.

- **routes/**
  Organizes route files by user roles and functionalities.
  - prof_routes/
    - **conferences.js**: Handles professor-related conference routes.
    - **deadlines.js**: Manages professor deadlines.
    - **mail.js**: Handles professor email interactions.
    - **prof_dashboard.js**: Controls professor dashboard features.
    - **reading_list.js**: Reading list routes for professors.
    - **research_projects.js**: Routes for professor-specific research projects.
    - **sponsored_projects.js**: Manages sponsored projects.
    - **students.js**: Interacts with student data from the professor's view.
    - **todo.js**: Handles professor's to-do tasks.
    - **under_review_papers.js**: Manages papers under review for professors.
  - student_routes/
    - **conferences.js**: Routes for student-specific conferences.
    - **deadlines.js**: Manages student deadlines.
    - **profs.js**: Routes for student access to professor details.
    - **reading_list.js**: Reading list routes for students.
    - **research_projects.js**: Student-side research project routes.
    - **student_dashboard.js**: Manages the student dashboard.
    - **todo.js**: Handles students' to-do list tasks.
    - **under_review_papers.js**: Routes for students' under-review papers.
  - **Other Routes**

- ■ **admin.js**: Admin-specific routes for managing the system.
        - ■ **dashboard.js**: Shared routes for dashboards.
    - ● **utils/**
        - ○ **db.js**: Sets up and manages database connections.
        - ○ **utility_functions.js**: Contains helper functions used across the application.

Database

SQL/

Contains database setup and population scripts.

- ● **Database_schemas.sql**: Defines the structure of all tables.
- ● **Data Population.sql**: Populates the database with initial data for testing and development.

Assets

- ● **img_1.png**, **img_2.png**, **etc.**
  Image files for the application, possibly used in documentation or as part of the UI.