**WEBSITE REQUIREMENTS — CIRT Academic Journal & Poster Portal**

**STRAIGHT FROM CUSTOMER:**

1. View Research Symposium Winners (Posters)
   1. Users should be able to visit a dedicated page that highlights winning student posters.
   2. Posters will be displayed as uploaded PDFs with clear titles and authors.
   3. Visitors should be able to view or download these posters.
2. Submit and Review for an Online Academic Journal
   1. Students must be able to submit their papers to academic journal through a submission portal.
   2. Authors need to track the progress of their submissions.
   3. Reviewers must be able to log in, access assigned submissions and upload their reviews.
   4. Editors need access to all submissions, with the ability to leave comments, make decisions, and message authors.
3. Access and Search Published Content
   1. A searchable, filterable archive of all accepted journal papers and posters should be available.
   2. Users must be able to search b keyword, author, category, or year.
   3. A link to a third-party publication site (if used) should be visible and easy to find.

**FRONTEND:**

* Clean, modern homepage introducing site purpose and navigation.
* Login/registration for students, reviewers, and editors.
* Dashboard pages tailored by role (student, reviewer, editor).
* Poster gallery page (PDF thumbnails or preview viewer).
* Journal archive page (list view with filters and sorting).
* Search bar that filters both journals and posters.

**BACKEND:**

* User authentication and role-based permissions.
* Support for three user roles:
  + Authors (students)
  + Reviewers
  + Editors
* Secure file uploads (PDF posters and journal submissions)
* Ability to store and retrieve:
  + User profiles
  + Submissions and versions
  + Reviews and decisions
* Real-time status tracking for authors
* Admin dashboard (Django admin) for full control of content and user roles
* RESTful endpoints (via Django views) to pass JSON data between frontend and backend.
* MYSQL database schema to handle users, submissions, reviews, and metadata.