**REQUIREMENTS:**

**STRAIGHT FROM CUSTOMER:**

1. highlight the winners of the research symposium (posters)
   1. Students will upload the pdf to website themselves
2. create an online academic journal
   1. portal for submitting to the journal or to review it
   2. track the progress for the author to know
   3. reviewers access papers and submit their reviews
   4. editors can give final decisions and contact the authors
3. link to a publication site
   1. all the accepted papers will be published here
   2. organize it with search and filters
   3. FAQ page, resources page, easily edit

**FRONTEND:**

* Login/auth page for authors and editors
* Search bar functionality for journals and posters
* Separate page that displays all the pdfs of the journals
* Separate page that displays all images of the posters
* Possible Message board/chat room along users
* Filter for the search bar
* Contact information of our customers
* A clean homepage that makes it easy for the customers to understand the functionality of the webpage

**BACKEND:**

* Store all the information of authors, editors, users, journals, and posters
* Be able to receive incoming requests from the front end and interact/manipulate any data requested or stored
* URL routing system that will map incoming requests to the appropriate views.
* Convert our data between python and json between frontend and backend
* Authentication system for our users
* An administration portal for the admins of the website to control
* An established database that can be pushed to the frontend