

Project Name: Academic Opportunities Platform

Client Name: Professor Vincent Maccio

Target Users:

- **Primary Users:** University students seeking research assistantships, internships, and academic competitions.
- **Secondary Users:** Professors looking for motivated students to assist in research, teaching, or academic projects.
- **User Characteristics:**
 - Students: Likely to access the platform via both mobile and desktop.
 - Professors: More likely to use the desktop version for managing applications efficiently.
 - Users require a streamlined, accessible interface to browse and post opportunities with ease.

Basic, Static Information Available on the App:

- University/Department name and affiliation.
- Professor profiles including research interests, publications, and contact information.
- Student profiles highlighting skills, academic background, and interests.

Important Design Elements:

- **Professional and minimalistic UI:** Should satisfy ease of navigation, consistency, universal usability, and error prevention
- **Responsive Design:** Can be accessed on desktop and mobile devices.
- **Dashboard UI:**
 - For students: Personalized dashboards to track applications and saved opportunities.
 - For professors: Dashboards to manage applications and student teams.
- **Search and Filtering Capabilities:**
 - Students can filter opportunities by field, skill level, deadlines.
 - Professors can filter student applications based on GPA, skills, or experience.
- **What to Avoid:**
 - Overly complex navigation.
 - Cluttered pages with excessive information.

Data to be Managed and Presented:

- **For Students:**
 - Profiles including name, skills, GPA, research interests, and past experiences.
 - List of saved and applied opportunities.

- Application statuses (submitted, under review, accepted, rejected).
- **For Professors:**
 - Research project details and available student opportunities.
 - List of applicants
- **Opportunities Database:**
 - Research assistantships, internships, academic competitions.
 - Deadlines, requirements, and descriptions.
- **Feedback System:**
 - Professors can provide feedback on applications or student performance.

Interactive Elements (Probably Not Gonna Be Implemented):

- **Skill-Based Matching Algorithm:**
 - Suggests opportunities based on student profiles and skills.
- **Application Tracker:**
 - Allows students to track their applications in one place.
- **Messaging System:**
 - Enables direct communication between students and professors.
- **Optional Features:**
 - Internship/job API integration to pull real-world opportunities.
 - Data visualization tools for professors to analyze applicant trends.

Conclusion:

Students often miss out on internships, research opportunities, or academic competitions due to lack of visibility or accessibility. They struggle to know what professors are working on and how to get involved.

Professors face difficulty finding motivated students for research projects or assistants for academic tasks. Managing student applications for opportunities is time-consuming.

What we proposed is a professional platform that connects students with academic and professional opportunities, such as research assistant roles, internships, or academic competitions, while helping professors streamline the process of recruiting and mentoring students.