

SRU University - Academics & Administration Portal

TEAM MEMBERS:

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OBJECTIVES:

1. **Primary Goal:** Centralized, user-friendly web portal integrating academic & admin functions for efficient ops.
2. **Key Objectives:**
 1. Seamless course registration, grades, advising for students/faculty.
 2. Automate attendance, fees, resource allocation.
 3. Secure RBAC for data access.
 4. Responsive UI + real-time notifications.
 5. Cut paperwork 50%, integrate with mySRU to reduce delays.
3. **Visual:** Bullet icons/flowchart of objective flow

STAKEHOLDER:

- Internal:**

- Students: Schedules, grades, resources.
- Faculty/Staff: Grading, attendance, planning.
- Admins: Oversight, reports, approvals.

- External:**

- Parents: Progress tracking (limited).
- IT: Maintenance/integration.
- Vendors: Payment/LMS links (e.g., Canvas).
- Engagement:** Surveys & workshops for requirements.
- Visual:** Stakeholder icon map

PROGRAMMING LANGUAGES, TOOLS, AND SOFTWARE:

- Category Tech
- Front-End HTML/CSS/JS, React, Bootstrap
- Back-End Node/Express or Python/Django
- DB MySQL/PostgreSQL
- Tools Git, VS Code, AWS, Jest/Selenium, JWT



Front-End View of Web Application:

1. **Overview:** Advanced interface for university data & analytics management.
2. **Key Features:**
3. **Sidebar:** Users, Courses, Reports, Settings, Analytics.
4. **Sections:** User table (search/filter), Charts (enrollment/attendance), Bulk actions (approvals/reports), Audit logs.
5. **Design:** Role-based, Chart.js data viz.
6. **Visual:** Mockup of dashboard with tables, graphs, buttons. (Confirm for image gen?)

