# **Initial Product Backlog for Online Course Registration System**

## **Team Members:**

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## **Stakeholders & Users**

The primary stakeholders and users for this project include:

* **Students:** Users who register for courses and manage their schedules.
* **Instructors:** Manage assigned course schedules and view student enrollments.
* **Administrators:** Oversee registration, course assignments, and system functionality.
* **IT Support Team:** Maintain and troubleshoot the system.

## **User Stories**

### **High Priority User Stories**

1. **Student Registration**
   * **As a** student, **I want to** register for courses **in order to** enroll in classes for the semester.
   * **Priority:** High
   * **Justification:** Essential for system functionality; without registration, students cannot participate in courses.
2. **Instructor Login & Schedule Management**
   * **As an** instructor, **I want to** log in securely and view my assigned schedule **in order to** manage my course responsibilities.
   * **Priority:** High
   * **Justification:** Critical for faculty access and teaching organization.
3. **Course Search Functionality**
   * **As a** student, **I want to** search for available courses **in order to** find and select the classes that fit my schedule.
   * **Priority:** High
   * **Justification:** Enables students to make informed course selections.
4. **Course Drop Functionality**
   * **As a** student, **I want** to drop a course that I have registered for, **so that I** can adjust my schedule if needed
   * **Priority:** High
   * **Justification:** Students need the flexibility to modify their schedules after registration. Without the ability to drop courses, they may end up enrolled in unwanted or conflicting classes, negatively impacting their academic progress

### **Medium Priority User Stories**

1. **Session Enrollment View for Instructors**
   * **As an** instructor, **I want to** view the list of students enrolled in my course **in order to** plan my teaching approach.
   * **Priority:** Medium
   * **Justification:** Important for managing class sizes and preparation but does not block other functionalities.
2. **Email Notification for Registration Confirmation**
   * **As a** student, **I want to** receive a confirmation email upon registration **in order to** have proof of my course enrollment.
   * **Priority:** Medium
   * **Justification:** Improves user experience and reduces confusion but is not critical for course registration.
3. **Instructor Authentication System**
   * **As an** instructor, **I want to** log in using a secure authentication system **in order to** protect my information.
   * **Priority:** Medium
   * **Justification:** Necessary for security but does not directly impact student experience.

### **Low-Priority User Stories**

1. **Dark Mode Option**
   * **As a** user, **I want to** enable dark mode **in order to** reduce eye strain when using the system.
   * **Priority:** Low
   * **Justification:** Enhances usability but does not affect core system operations.
2. **Social Media Course Sharing**
   * **As a** student, **I want to** share my enrolled courses on social media **in order to** inform my peers.
   * **Priority:** Low
   * **Justification:** Good for engagement but not essential for system functionality.
3. **Instructor Dashboard with Analytics**
   * **As an** instructor, **I want to** view analytics on student engagement **in order to** improve course delivery.
   * **Priority:** Low
   * **Justification:** Enhances teaching effectiveness but is not required for core functionality.
4. **Customizable Student Dashboard**
   * **As a** student, **I want to** personalize my dashboard **in order to** quickly access frequently used features.
   * **Priority:** Low
   * **Justification:** Improves usability but is not critical for system success.

# Members that contributed

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