

# CATALYST

## **Introduction**

Catalyst is a web-based platform designed to connect students, companies, and the placement cell in one unified system. It provides a convenient, secure, and efficient way to manage internship and placement activities digitally.

Students register and upload their academic details and resumes. Companies can post internships or job openings, view applicants, and shortlist candidates. The admin (placement coordinator) manages student records, verifies company details, approves postings, tracks applications, and oversees the overall process. The platform ensures seamless communication, transparent workflows, and real-time updates throughout the placement cycle.

## **Stakeholders**

1. Admin / Placement Coordinator
2. Company / Recruiter
3. Student

## **Modules**

1. Authentication
2. Registration
3. Activities
4. Notifications
5. Reports

## **Sub Modules**

### **Authentication**

- Admin Login
- Company Login
- Student Login

### **Registration**

- Student Registration

- Company Registration
- Job / Internship Post Registration
- Department & Course Registration (Admin)

### **Activities**

- Admin verifies students and companies
- Company posts internship/job openings
- Students apply for eligible opportunities
- Admin monitors applications
- Company shortlists/selects candidates
- Admin updates final placement details
- Students view status and results

### **Notifications**

- Application updates
- Shortlist/Interview notifications
- Offer/Selection updates

### **Reports**

- Student application/selection reports
- Company participation summary
- Department-wise placement statistics
- Internship completion reports

# **Software Requirement Specification (SRS)**

## **Features Provided to Admin**

1. System should allow admin login using username and password.
2. System should display an admin dashboard after login.
3. System should allow admin to manage students and company profiles.
4. System should allow admin to verify student and company registrations.
5. System should allow admin to approve or reject job/internship postings.
6. System should allow admin to monitor all applications and shortlist activities.
7. System should allow admin to update final placement or internship status.
8. System should allow admin to manage departments, courses, and eligibility criteria.
9. System should allow admin to generate placement and internship reports.
10. System should have a secure logout feature.

## **Features Provided to Company / Recruiter**

1. Company should be able to log in using username and password.
2. Company should be able to view a dashboard with posted openings.
3. Company should be able to create and manage job/internship postings.
4. Company should be able to view eligible student profiles.
5. Company should be able to shortlist, reject, or select candidates.
6. Company should be able to schedule interviews.
7. Company should be able to update application status and upload offer letters.
8. Company should be able to view/download applicant lists.

9. Company should be able to log out securely.

### **Features Provided to Student**

1. Student should be able to register and log in securely.
2. Student should be able to update profile, academic details, and resume.
3. Student should be able to view available internships and job opportunities.
4. Student should be able to apply for eligible opportunities.
5. Student should be able to track application status in real-time.
6. Student should be able to view shortlist/selection notifications.
7. Student should be able to download offer letters or certificates.
8. Student should be able to communicate with admin (optional).
9. Student should be able to log out securely