**Phase 2: Business Process Modeling (MIS)**

**1. Define Scope**

Scope: Designing a business process that focuses on streamlining the**Automation of Scholarship Management System** aims to streamline and digitize the entire lifecycle of scholarship administration—from student application to final disbursement—within a centralized, secure, and transparent environment. This process covers application submission, automated validation, application review, decision-making, student notification, and scholarship disbursement.

**Relevance to MIS:**

* Involves data processing, system integration, and stakeholder interaction—all core to MIS.

**Objectives:**

* Eliminate manual errors.
* Ensure transparent and timely processing.
* Provide real-time application status updates.
* Facilitate secure and efficient disbursement.

**Expected Outcomes:**

* Reduced administrative workload for staff.
* Faster processing times for applications.
* Enhanced user satisfaction for both applicants and administrators.
* A centralized database of scholarship records accessible for audits and planning.

**2. Identification of Key Entities Involved**

| **Entity** | **Description** |
| --- | --- |
| Students | Apply for scholarships and track their application status. |
| Reviewers | Review applications and approve or reject them. |
| Admins | Manage system settings, users, and disbursement processes. |
| Database | Stores all relevant data—students, scholarships, applications. |

System ( PL/SQL Engine) Executes automated validation, ranking, and updates during processing

**SWIMLANE DIAGRAM**

**Diagram Explanation**

#### 1. **Student**

* Represents the scholarship applicant.
* All actions the student takes (like submitting the application) go in this lane.

#### 2. **System**

* Refers to the automated part of the scholarship platform (backend logic, validation).
* Handles tasks like checking if the application form is complete.

#### 3. **Reviewer**

* A staff or committee member who manually reviews applications.
* They decide whether the student meets the criteria.
* Example Task: Review Application

#### 4. **Admin**

* The admin team manages final decisions and scholarship payments.
* Responsible for approving applications, notifying students, and disbursing funds.

