**Dean of Students Management System (DOS-MS) - User Stories**

This document presents detailed **User Stories** derived from the previously defined **User Scenarios** of the DOS-MS (Dean of Students Management System). Each user story follows the INVEST criteria—**Independent, Negotiable, Valuable, Estimable, Small, and Testable**—and helps guide the system's design and development from the perspective of actual users.

**User Story 1: Student Registration and Transition from High School**

**Title:** Register a new student transitioning from high school to university

**As a** new student, **I want to** register myself into the university system by providing my basic personal and academic information, **So that** I can receive a matriculation number and officially become part of the university without manual processing.

**Acceptance Criteria:**

* Student can access a digital form for registration.
* The system automatically generates a matriculation number based on a high school ID or algorithm.
* Registration is verified with the university’s enrollment system.
* Student profile is created upon successful registration.
* Email notification is sent confirming successful registration.

**User Story 2: Course Registration**

**Title:** Register for courses for the upcoming semester

**As a** student, **I want to** log into the DOS-MS and select courses that match my academic requirements, **So that** I can register for classes without conflicts and stay on track for graduation.

**Acceptance Criteria:**

* Student logs in using a valid matriculation number and password.
* Available courses are listed and filtered by department and program.
* Prerequisites and schedule conflicts are automatically checked.
* Confirmation and notification are sent after successful registration.
* Course schedule overview includes instructor, location, and timings.

**User Story 3: Scholarship Allocation by Admin**

**Title:** Allocate scholarships to eligible students

**As a** dean or admin, **I want to** view a list of eligible students and allocate scholarships based on set criteria, **So that** I can ensure fair and transparent scholarship distribution.

**Acceptance Criteria:**

* Admin logs in with special privileges.
* System filters students based on GPA and extracurricular activities.
* Admin can adjust or override scholarship amounts.
* Students are notified upon allocation.
* Changes are logged for auditing purposes.

**User Story 4: Academic Progress Tracking**

**Title:** View and track academic progress

**As a** student or academic advisor, **I want to** access a real-time academic summary and performance indicators, **So that** I can identify strengths, weaknesses, and make informed academic decisions.

**Acceptance Criteria:**

* System shows completed courses, GPA, and earned credits.
* Alerts appear for students on academic probation.
* Advisor can add notes and recommendations.
* Student receives a generated report with academic insights.

**User Story 5: Track Extracurricular Activities**

**Title:** Log and track extracurricular engagement

**As a** student, **I want to** record my participation in university activities, **So that** my extracurricular contributions are considered for scholarships and personal development tracking.

**Acceptance Criteria:**

* Student enters club/event/volunteer activity details.
* System validates and categorizes entries.
* Admin verifies and approves extracurricular activities.
* Student can view a report of validated participation.

**User Story 6: Real-Time Report Generation**

**Title:** Generate real-time academic and administrative reports

**As a** dean or authorized stakeholder, **I want to** generate customized reports about enrollment, GPA distribution, and scholarships, **So that** I can make data-driven decisions and maintain operational transparency.

**Acceptance Criteria:**

* User selects report type and filters.
* System generates the report in real time.
* Reports can be saved, emailed, or exported to PDF/Excel.
* Data visualization and statistics are included in reports.

**User Story 7: Ensure Data Security and Compliance**

**Title:** Manage data security and compliance settings

**As a** system admin, **I want to** configure security settings and monitor data access logs, **So that** student data is protected and the system remains compliant with legal regulations.

**Acceptance Criteria:**

* Data is encrypted and protected via role-based access.
* Access to sensitive data is logged and auditable.
* System provides automated compliance check reminders.
* Regular backups are scheduled and securely stored.

**Conclusion**

Each user story is actionable and contributes to building a user-centric, scalable, and secure system. These stories serve as the foundation for iterative design, development, and testing in the creation of the Dean of Students Management System (DOS-MS).