| **Category** | **Item** | **Description** |
| --- | --- | --- |
| **Context Object** | Students | Users who access their academic, financial, and attendance information. |
| **Context Object** | Lecturers | Users who input attendance, performance data, and communicate with students. |
| **Context Object** | Parents/Guardians | Recipients of student updates via SMS, can access reports if granted access. |
| **Context Object** | Administrators | Manage users, courses, billing, announcements, and system configurations. |
| **Context Object** | Campus Management System (CMS) | External system providing academic, attendance, and financial data. |
| **Context Object** | SMS Gateway | Sends notifications (attendance alerts, performance, billing) to mobiles. |
| **Context Object** | University Database | Stores centralized data accessed by the portal. |
| **Context Object** | Portal User Interface | Web/mobile interface for users to interact with the system. |
| **Context Object** | Authentication System | Manages user login, session handling, and access roles. |
| **Requirement Source** | University Administration | Provides business rules, policy constraints, and system goals. |
| **Requirement Source** | IT Department | Provides technical specs, integration protocols, and system architecture. |
| **Requirement Source** | Students | Input for UX design, preferred services, and pain points in current systems. |
| **Requirement Source** | Lecturers | Feature requests for marking attendance, posting grades, and communication. |
| **Requirement Source** | Parents | Preferences for notifications and report access. |
| **Requirement Source** | Existing Documentation/Systems | Reference for how CMS and SMS currently function. |
| **Requirement Source** | Regulatory Bodies | Defines compliance needs (e.g., data privacy laws, education standards). |
| **Requirement Source** | SMS Gateway Provider | Technical documentation for sending/receiving SMS via API. |