***Project Scenario-- University Management System (UMS)***

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| **1.** | **Name of the Project** | **University Management System** |
| **2.** | **Objective/ Vision** | This project deals with the various functioning in College management process. The main idea is to implement a proper process to system. In our existing system contains a many operations registration, student search, fees, attendance, exam records, performance of the student etc. All these activity takeout manually by administrator. |
| **3.** | **Users of the System** | 1. Administrators 2. Faculty Members 3. Students 4. Staff Members 5. Parents/Guardians 6. Alumni 7. External Stakeholders 8. System Developers and IT Support |
| **4.** | **Functional Requirements** | 1. User Authentication and Authorization 2. Student Information Management 3. Academic Management 4. Faculty Management 5. Administrative Functions 6. Communication and Collaboration 7. Extracurricular Activities Management 8. Reporting and Analytics 9. Alumni and External Relations 10. System Administration and Maintenance |
| **5.** | **Non-functional requirements (At least Four)** | 1. Security 2. Performance 3. Reliability 4. Usability 5. Compatibility 6. Scalability 7. Maintainability 8. Performance Monitoring 9. Compliance 10. Training and Support 11. Top of Form |
| **6.** | **User interface priorities** | A. Professional look and feel  B. all registration forms are easy to fill  C. Easy to use |
| 7. | **Team Size** | 1 |
| 8. | **Technologies to be used** | Java , AWT , Swing , SQL |
| 9. | **Tools to be Used** | 1. Visual Studio /Eclipse/ RAD / Lotus Forms Designer / Portlet Factory 2. DB2 Express – ‘C’ or DB2 UDB /Oracle/My-SQL/MS-SQL Server 3. Linux will be the preferred OS for deployment of application. |
| 10. | **Final Deliverable must include** | A. Online or offline help to above said users, Application deployment executive and developer  B. Application archive ( .war/.ear/exe ) with source code  C. Database backup and DDL Script  D. Complete Source code |