

**SE 322/ SE 318 – SOFTWARE VERIFICATION AND VALIDATION**  
**SOFTWARE REQUIREMENTS LIST**

**PROJECT NAME:** University Management System

**TEAM MEMBERS:** Gizem Ulusoy, Seray Cebeci, Ömer Beyazkaz, Taylan Özmergen, Hasan Baran Arıkan, İsmail Furkan Susam

FUNCTIONAL REQUIREMENTS		
REQ. #		PRIORITY/VERSION
1	The system should have login part that allows them to login with ID and password.	High
2	The system should have course management part that used for display courses, enrollment, add/drop for students; create/delete, arrange courses for lecturer and admin.	High
3	The system should have a grading system used for displaying their grades for students; arranging students' grades for lecturer.	High
4	The system should have a financial management system to pay the school fees for students; controlling the payments for admin.	Medium
5	The system should have an attendance tracking part that tracks/organize the attendance of students for lecturer; displaying their attendance information for students.	Medium
6	The system should have those organizing announcements for admin; displaying announcements for students.	Medium

**SE 322/ SE 318 – SOFTWARE VERIFICATION AND VALIDATION**  
**SOFTWARE REQUIREMENTS LIST**

7	The system should have an exam information part that used for entering/editing information about exams for admin; displaying exam schedule for students.	Low
8	The system should have an information changing part to display/edit their information including personal and security info.	Low
9	The system should allow students to participate in various programs organized by the school.	Low
10	The system should have a transcript part for students.	Low
<b>NON-FUNCTIONAL REQUIREMENTS</b>		
<b>REQ. #</b>		<b>PRIORITY/VERSION</b>
1	The system should have English language option.	High
2	The system should have a user-friendly user interface, reducing the learning curve for both students and faculty.	Medium
3	The system should be responsive and load in 0.2 second, providing a seamless user experience without significant delays.	High
4	The system should be reliable, with minimal downtime and robust error handling to prevent data loss or corruption.	Medium
5	The system should be equipped with robust security measures, to safeguard against unauthorized access.	Low

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6	The system should be well-documented and adhere to coding standards, facilitating easy maintenance and updates by developers.	Low
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