Faculty of Engineering and Applied Science
SOFE 3650U Software Design and Architectures
Project Report

Lab Group 5:

Group Member 1
Name: Goutham Narendiran
Student ID: 100556439

Group Member 2
Name: James Suresh
Student ID: 100556972

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Use Cases
UC-1 Manage course information
UC-2 Configure messaging system
UC-3 Log in
UC-4 Configure student profiles
UC-5 Manage notifications
UC-6 Manage file sharing
UC-7 Manage student grades
UC-8 Report errors
UC-9 Manage team creation
UC-10 Manage privacy settings Students
UC-11 Configure Accessibility settings
UC-12 Manage meetings with students
UC-13 Manage news messages

Quality Attributes
QA-1 – Performance
QA-2 – Extensibility
QA-3 – Availability
QA-4 – Privacy
QA-5 – Accessibility
QA-6 – Ease of Use
QA-7 – Scalability

Constraints
CON-1 The system shall be highly interoperable
CON-2 System downtime should be done 48 hours in advance and should be 4 hours/month
CON-3 The system shall have bilingual support (Dutch and English)

CRN
CRN-1 Architect is concerned with prevention of security threats
CRN-2 Architect is concerned with teams implement variety of site frameworks that are required

Category	Details
Design Purpose	This CMS is a system that is made to be a sandbox system operated by user with 4 distinct roles (students, lecurers, admins and system maintaner)

Primary Funcitional Requirements	UC-1 UC-4 UC-6 UC-8		
QA Scenarios			
	ID	Importance to Customer	Difficulty of Implementaiton According to Architect
	QA-1	Medium	Medium
	QA-2	Medium	High
	QA-3	High	High
	QA-4	High	High
	QA-5	Medium	Low
	QA-6	High	Medium
	QA-7	Medium	Medium
	Only QA-1,QA-2,QA-3,QA-4,QA-6		
Contriants	Constraints will be included as drivers		