

**Team:** Souneth Ly, Joel Barkley, Dmitriy Tarasov

**Title:** School Management System

**Project Summary:** A school management system with three different actors: students, teachers and deans. Students should be able to login, view their semester report card, pay tuition, and access a global class list. A teacher should be able to login, set grades for students in a class, view all students in a class, view a teacher report, and access a global class list. A dean should be able login, to add/ remove teachers and students, set tuition for a student, add/ remove classes from the global class list, and access the global class list.

**Business Requirements:**

ID	Requirement	Topic Area	Actor	Priority
BR-001	Limit access to non-school emails	Login	Deans, Teacher, Student	High
BR-002	Tuition fees	Tuition	Student, Deans	High
BR-003	Teachers review	Reporting	Deans	Medium

**User Requirements:**

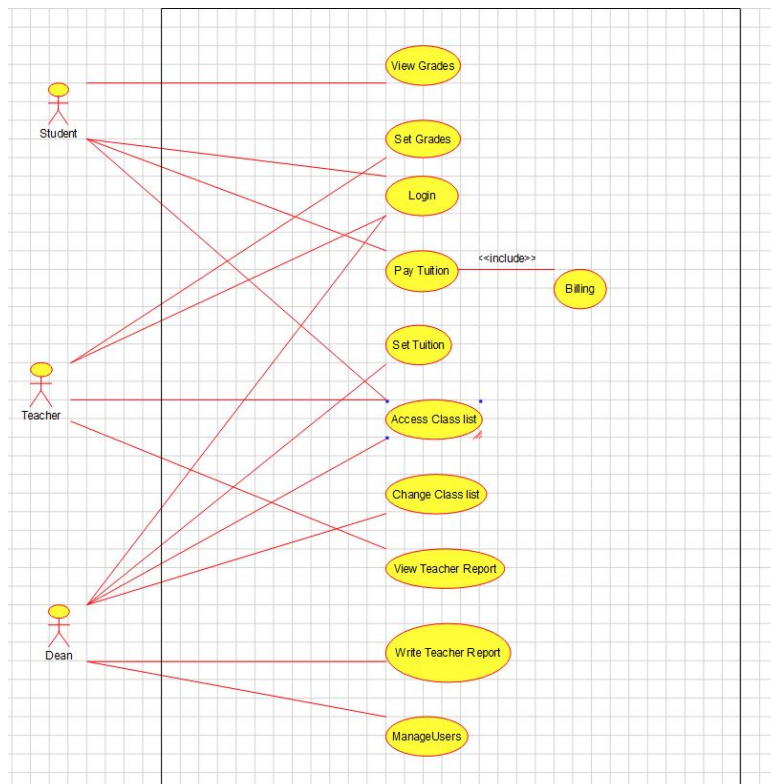
ID	Requirement	Topic Area	Actor	Priority
UR-001	Login	Login	Student,Dean,Teacher	Critical
UR-002	See tuition rates	Tuition	Student	High
UR-003	Set tuition Rates	Tuition	Dean	High
UR-004	Add Class to Class List	Classes	Dean	High
UR-004	Remove Class from Class List	Classes	Dean	Medium
UR-005	Set Grade	Classes	Teacher	High
UR-006	See Grades	Classes	Student	High
UR-007	View Class List	Classes	Dean/Teacher	High

UR-008	Create Teacher Report	Reporting	Dean	Low
UR-009	View Teacher Report	Reporting	Teacher	Low
UR-010	Pay Tuition	Billing	Student	High

### Non-Functional Requirements:

ID	Requirement	Topic Area	Actor	Priority
NF-001	Billing Security	Security	Student	Low
NF-002	Reliability	Data Persistence	System Admin	Med
NF-003	24/7 Availability	Usability	Dean, Teacher,Student	High

### Use Cases Diagram



### UI Mockup:

# School Management System

## User Login

Username:

Password:

## University of CoolTown

Welcome student



[Home](#) [Schedule](#) [Grades](#) [Tuition](#)

Dropdown ▾



April 22, 2012						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					



Welcome Teacher



Search...

Home Class List Grades Teach Report

Dropdown



April 22, 2012						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					



## Dean Portal

Welcome,  
Mr. Dean

[View Student List](#)

[View Teacher List](#)

[View Global Class List](#)

## Global Class List

[SUBJ1-001: Name 1](#)  
[SUBJ1-002: Name 2](#)  
[SUBJ1-003: Name 3](#)  
[SUBJ1-004: Name 4](#)  
[SUB2-001: Name 1](#)  
[SUB2-002: Name 2](#)  
[SUB2-003: Name 3](#)  
[SUB3-001: Name 1](#)  
[SUB3-002: Name 2](#)  
[SUB4-001: Name 1](#)

[Add Class to Class List](#)

[Remove Class from Class List](#)



## Add Class to Class List

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Class Name:

Subject:

Description:

Submit



## View Teachers

---

[Sam Teacher](#)

[Jim Teacher](#)

[Ella Teacher](#)

[Susan Teacher](#)

[Bob Teacher](#)

[Laura Teacher](#)

[Add Teacher](#)

[Remove Teacher](#)



## Susan Teacher

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Username: susan.teacher

Email: susan.teacher@school.com

Phone: 666-666-666

[Write Teacher Report](#)



## Teacher Report for Susan Teacher

Report: Report goes here

Submit



**Data Storage:** We are planning on using mySQL for our data storage. We want to keep the following information persistent throughout sessions: User login information (username, name, email, and password), all class information (class name, class subject), student reports, and teacher reports.

### Class Diagram:

