

Iteration 2	
Group Name: Cappuchino	Course code: SYS366SAA
Prepared by: Hongback Son	Professor: Mark Buchner
Date: 13/Dec/2017	Title: Class Management

Use Case Specification for *UC05 - ManageClassesSchedule*

Brief Description:

This use case enables the class manager receives classes facility reservation and accepts them after checking.

Section 1: Business Rule(s):

BR 01: Each employee has to have unique identification number which is four digits.

BR 04: KeyNorthNet is the name of Centralized Computer System regarding KNCS's business.

BR 05: All employees must have an ID on KeyNorthNet which is identical with an employee number.

BR 06: Permission type consists of Authority, Standard user, Customer, Technician.

BR 07: The users to be created on KeyNorthNet have to fill up the following fields as mandatory: First name, Department relation, and Permission type.

BR 12: Customer's information must be valid.

BR 13: Customers must provide his/her identification number and phone number.

BR 16: Each customer must have a request or need.

Scenario 1: Book the classroom facility without double booking

Preconditions:

1. *When this* use case begins, Employees must be logged_in on KeyNorthNet with their own ID for classes booking.
2. If, customer wants to book classes, they must request ID for booking and then customer can book with temporary ID provided by class manager.

Step #	Actor(Employee, customer)	System	Data Used
#1	Employee Log in on KeyNorthNet and customer click customer help menu.	Display a list of menus with login message	Employee ID
#2	Customer enter private information and receive customer ID.	Display field which customer has to fill in	Customer name, phone number.
#3.	Enter employee ID or customer ID and choose booking date	Display digital calendar	Employee ID, Customer ID
#4	Save and submit	Display message box " contents is saved"	
#5	Logout	Display message box" log out? " and " yes or no"	

Successful Post-Conditions:

1. Employee and customer made a reservation for classes successfully.

Scenario 2: Classroom facility booking confirmation

Preconditions:

1. When this use case begins, Class manger must be logged_in on KeyNorthNet to accept classes booking.
2. After confirmation, the reservation confirmation message is sent by class manager.

Step #	Actor(Class Manager)	System	Data Used
#1	Class manager log in and select confirmation of booking class menu.	Display a list of menus with Administrator login message and reservation list	Class manager ID
#2	Confirm the class booking	Display confirmation of reservation list	Class manager ID Customer ID ,Customer name, phone number
#3	Send the reservation confirmation message to customer and employees who made reservation via KeyNorthNet intranet email.	<i>Display the list of customer who made a reservation for classroom on KeyNorthNet intranet email.</i>	Class manager ID,Customer ID, Customer name, phone number
#4	Exit	Display message bod "exit?"	

Successful Post-Conditions:

1. Class manager confirm booking class for customer and employee after checking
2. Class manager sends confirmation message to employee and customer.

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Use Case Specification for UC06 – ManageClassSupplies

Brief Description:

This use case enables when the classroom is not stocked with all the tools and supplies needed to operate the class and order lack of tools and supplies.

Section 1: Business Rule(s):

BR 01: Each employee has to have unique identification number which is four digits.

BR 03: An employee must have a valid email.

BR 04: KeyNorthNet is the name of Centralized Computer System regarding KNCS's business.

BR 05: All employees must have an ID on KeyNorthNet which is identical with an employee number.

BR 06: Permission type consists of Authority, Standard user, Customer, Technician.

BR 07: The users to be created on KeyNorthNet have to fill up the following fields as mandatory: First name, Department relation, and Permission type.

BR 11: The price of the equipment should not exceed the budget of the firm.

BR 12: Customer's information must be valid.

BR 16: Each customer must have a request or need.

Scenario 1: Order supplies

Preconditions:

1. The employees must logged-in to KeyNorthNet with their own ID to order supplies.
2. The class manager must check in advance what supplies are not enough and customer requests.
3. The employees need to keep watching inventory levels.

Step #	Actor(Employee)	System	Data Used
#1	Receive supplies shortage list via KeyNorthNet	Displays the list of supplies shortage on KeyNorthNet	Employee ID, supplies
#2	Click to order menu And Select required supplies and quantity	Display the list of supplies and quantity with each price.	Employee ID, Amount, Method of payment. Supplies

#3.	<i>Choose a partner company</i>	Display the list of company.	Store, warehouse, supplies
#4	<i>Save and send</i>	Display “ contents” is saved and sent	
#5	<i>Check order confirmation email via KeyNorthNet</i>	Display order confirmation document on KeyNorthNet intranet email.	Employee ID
#6	<i>Exit</i>	Display message box says” exit”	

Successful Post-Conditions:

1. The employee succeeded in ordering items that were out of stock.
2. The order list remained on KeyNorthNet.

Scenario 2: Announce workshop notice

Preconditions:

1. When this use case begins, Class manger must be logged in on KeyNorthNet to invite workshop lecturer
2. Class manager must prepare a classroom for the workshop

Step #	Actor(Class Manager)	System	Data Used
#1	Class manager log in and Check customer list for workshop notice via KeyNorthNet.	Display Administrator login message and customer list via KeyNorthNet	Class manager ID, Customer ,Name, Customer ID
#2	Sends email to invite customers with workshop information such as date, purpose.	Display KeyNorthNet interanet email.	Class manager ID CustomerID, Customer name, Customer phone number, Customer email address.
#3	Check the attendance via KeyNorthNet.	<i>Display the list of customer who attend a workshop.</i>	Class manager ID, Customer ID, Customer name, phone number
#4	Save the list and exit	Display the workshop attendance list and message box” exit? “	Customer ID, Class manager ID, Customer name, Phone number.

Successful Post-Conditions:

1. *Class manager announce workshop notice for customer via KeyNorthNet Intranet email.*
2. Many customers attend the workshop.