

Usecase Diagram

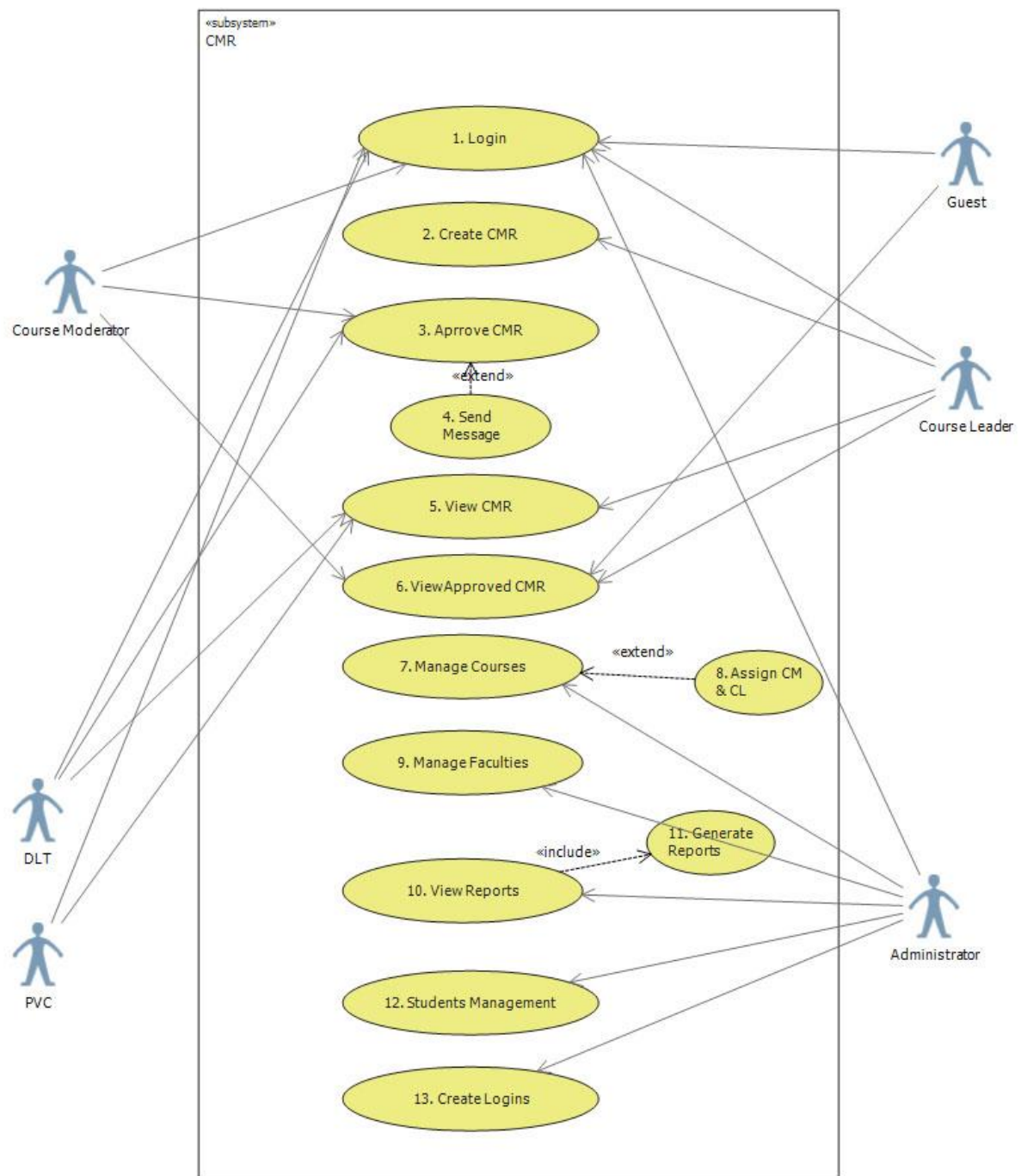


Figure 1- Use case scenarios are based on this diagram

UseCase number	01
UseCase Name	Log In
Actors	any
Pre-Condition	-
Flow of events	<ol style="list-style-type: none"> 1. Show login form 2. Ask for username and password 3. Validate password 4. Set new session for the user
Alternative Path	in 3, if validation failed show an error
Post Condition	User logged in to system
Extension points	-

UseCase number	02
UseCase Name	Create CMR
Actors	CL
Pre-Condition	User must be logged in and must have a course assigned to him. User must be a Course Leader
Flow of events	<ol style="list-style-type: none"> 1. User create CMR header sheet 2. Save it 3. Add data to CMR 4. Repeat 3 as necessary 5. Go to CRM View 6. Submit it
Alternative Path	-
Post Condition	CM is notified
Extension points	-

UseCase number	03
UseCase Name	Approve CMR
Actors	CM,DLT
Pre-Condition	User must be logged in and must either be CM or DLT
Flow of events	<ol style="list-style-type: none"> 1. View notified CMR 2. Type in the comment area 3. Select approve or reject 4. Save
Alternative Path	-
Post Condition	<ol style="list-style-type: none"> 1. If actor is a CM then DLT is notified to approve it 2. if actor is DLT then CM,CL,PVC will notified on approve 3. if rejected 1 and 2 is ignored
Extension points	Use case 4 – send message

UseCase number	04
UseCase Name	Send Message
Actors	System
Pre-Condition	Send message notification received
Flow of events	<ol style="list-style-type: none"> 1. Collect email addresses 2. Prepare message 3. Send the email
Alternative Path	-
Post Condition	-
Extension points	-

UseCase number	05
UseCase Name	View CMR
Actors	CL, CM, DLT, PVC, Admin
Pre-Condition	User must be logged in
Flow of events	<ol style="list-style-type: none"> 1. Display related CMRs 2. CL & CM still see the reports that are related to them
Alternative Path	-
Post Condition	-
Extension points	-

UseCase number	06
UseCase Name	View approved CMRs
Actors	All logged in users
Pre-Condition	Users must be logged in
Flow of events	<ol style="list-style-type: none"> 1. Find the CMR from the list 2. Apply search filters if needed 3. View the CMR
Alternative Path	in 2, If search filters applied, display results accordingly
Post Condition	-
Extension points	-

UseCase number	07
UseCase Name	Manage Courses
Actors	PVC, DLT, Admin
Pre-Condition	Users must be logged in
Flow of events	<ol style="list-style-type: none"> 1. Show options to create a course 2. Display Edit options

Alternative Path	in 1, if user wants to create a new course, display a form In 2, if user wants to edit existing courses, show existing data and ask for new information.
Post Condition	-
Extension points	Use case 8 – Assign CM & CL

UseCase number	08
UseCase Name	Assign CM & CL
Actors	DLT, PVC, Admin
Pre-Condition	User must be logged in
Flow of events	<ol style="list-style-type: none"> 1. Display available courses 2. Show available CMs 3. Show available CLs 4. Ask for course year 5. Save
Alternative Path	-
Post Condition	New course leaders are allocated
Extension points	-

UseCase number	09
UseCase Name	Manage Faculties
Actors	Admin
Pre-Condition	User must be logged in
Flow of events	<ol style="list-style-type: none"> 1. If want to create new faculty, ask for new name for faculty 2. Assign new DLT and PVC 3. Save
Alternative Path	On 1, If user wants to edit existing information show related information
Post Condition	-
Extension points	-

UseCase number	10
UseCase Name	View Reports
Actors	Admin
Pre-Condition	User must be logged in
Flow of events	<ol style="list-style-type: none"> 1. Display Available types of reports 2. Show links for statistical reports 3. Show links for exception reports
Alternative Path	-

Post Condition	-
Extension points	Use case 11 - Generate Reports

UseCase number	11
UseCase Name	Generate Reports
Actors	Administrator
Pre-Condition	Command received to generate report
Flow of events	<ol style="list-style-type: none"> 1. Form a SQL statement for requested operation 2. Execute SQL statements 3. Send results set to view
Alternative Path	-
Post Condition	-
Extension points	-

UseCase number	12
UseCase Name	Student Management
Actors	Admin, CL, CM, DLT, PVC
Pre-Condition	User must be logged in
Flow of events	<ol style="list-style-type: none"> 1. If User wants to create a student profile show the form 2. Request for user information 3. Save
Alternative Path	in 1, if user wants to edit student profile <ol style="list-style-type: none"> 1. Show existing information 2. Request for changes 3. Save
Post Condition	Student is registered in the system
Extension points	-

UseCase number	13
UseCase Name	Create Logins
Actors	Admin
Pre-Condition	User must be logged in
Flow of events	<ol style="list-style-type: none"> 1. Ask for Staff code which is used as username 2. Ask for password twice 3. Input the role of user 4. Save
Alternative Path	In 1, If user wants to create a new guest account, remove foreign key check and allow to continue
Post Condition	New user is registered
Extension points	-

