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ITM COLLEGE MANAGEMENT

Design Document

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May 2013

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This is to certify that

Mr Nguyen Vu Hung

Mr Le Ngoc Nhut

Mr Tran Dung Tri

Mr Tran Van Hai

**have successfully designed and
developed**

ITM College Management

Submitted by:

Mr. Tran Phuoc Sinh

Date of Issue: 14/05/2013

Authorized Signature: _____



REVIEW I

I. Acknowledgment

We would like to acknowledge all those who have given support and help us make the project a success.

We wish to express our deep gratitude to all teachers who have been devoting their lives to teach us how to stand-alone and walk ahead.

We are grateful to our families who take care and encourage us even though we are successful or failed, also to our friends who are always care of us. They never leave us alone and always look forward to us when we are on any road of the life.

We are much thankful to the entire staff and chairpersons at the Head Office of Aptech Worldwide, Aptech – Vietnam, and FPT – Aptech Center who have been organizing and looking after our studying course.

There are no words to show our appreciation for teachers of FPT Aptech Centre who have been organizing and looking after us during our studying course to finish this project. Our special thanks not only Mr Tran Phuoc Sinh who works day by day to teach and guide us in our travel to discover the wonder of Java Programming Language but also mentors in e-Project Team at the Head Office who instruct and help us.

Finally, we would like to offer many thanks to all our schoolfellows for their valuable suggestions.

We would like to thank sincerely!

Group 2 – FPT Aptech.

II. Problem Definition

1. Introduction

As of today world all the manual paper work like accounting, maintaining records are computerized. Even the college and school admission, result declaration is performed online today. Due to which all the school and colleges felt the need of making the website of their organization. The main purpose of making website is to attract the masses and advertisement of the school, colleges, and their achievements to the people leaving in any area (near or remote). The ITM College wants the website of the college to be developed and they have approached you for the same.

2. Existing Scenario

HOME PAGE: Here there should be an introduction of the college with hyperlink at the top (for navigation) and various sections to highlight the important features of the college. There should be separate section for the Admin Login (where the details of website can be modified and updated).

COURSES: Here the details of all the courses must be stated which are available in the college.

ADMISSION: Here there will admission form for the students. All the admission form related to the particular subject must be there. Students can download the form or can also fill the form online and submit. Once the online form is submitted, then the student will get a unique registration number and this number must be used to check the admission status. If the student status is accepted then they can proceed the online submission by clicking proceed button or link and complete the further details like selection of subjects.

DEPARTMENTS: Here the details of the entire department must be added (like chemistry, French, Economics, Psychology, Geology and Mathematics).

FACULTY: Here it should state the details of the entire faculty (should be categorized according to their departments).

FACILITIES: Like what all Facilities are provided in the college such as college canteen, hostel, placement center, gymkhana, college library, administrator office)

STUDENT REGISTRATION: here the student can register themselves with the help of their ID (unique) so that they can get the updates of their colleges, assignments, exam

timetable. If the same student tries to register again with the same ID then an error message must be thrown.

CONTACT US: It should state the contact details of the college (must cover all the branches).

FEEDBACK FORM: Here the feedback is taken from the end user.

ADMIN LOGIN: There should be separate section for login. The admin person will be able to update the data of the website.

A sample format of link is shown below:

HOME	THE COLLEGE	FACILITIES	FACULTY	COURSES & ADMISSIONS	ASSOCIATIONS & ACTIVITIES	DEPARTMENTS	INSTITUTIONS
------	-------------	------------	---------	----------------------	---------------------------	-------------	--------------

III. Requirement Specification

1. Customer Requirement Specification:

The College had provided all the content details they want to add in the website. The details of the information and what link the Home page must contain? Name of the links required in the website for navigation. There should be section in the Home Page for Upcoming events in the college, Achievements, New course, Merit list. The Link like HOME, COURSES, STUDENT REGISTRATION, DEPARTMENTS, FACULTY, FACILITIES, ONLINE ADMISSION, CONTACT US, FEEDBACK, ADMIN LOGIN.

Admission Procedure

- The Admin will have the responsibilities of checking which student is eligible for the admission.
- When an Online admission form is filling by the student they will provide all the details of the previous education. In the first level of form filling the student is supposed to provide personal details like:
 - Name
 - Father Name
 - Mother Name
 - Date of Birth(as per the certificate)
 - Gender
 - Residential Address
 - Permanent Address
 - Admission for (selecting a stream, field)
 - In tabular format (details of previous exam)
 - University
 - Enrolment number
 - Center
 - Stream
 - Field
 - Marks secured
 - Out of
 - Class Obtained
 - Sports details (if any)
 - Submit (for submitting the details)

Once the candidate click on the submit button a Unique number must be provided to them.
 - With the help of the Unique ID they can check the status of the admission like whether waiting, accepted.

- Once the status is confirmed, they can provide further details like specialized subject, optional subject and finally can print the form for seeking admission in the college.

2. Functional Requirements Specification

2.1. Administrator

Administrator will have ability of managing (include create new / edit / delete):

- Departments
- Faculty
- Facilities
- Courses
- Contact and Feedback information
- College's Officers
- Online Admission

2.2. College Officer

College Officer will have ability of managing (include create new / edit / delete):

- Student registration
- Exam time table
- Assignments
- Merit list
- College's News
- College's Upcoming Events

2.3. Student

Students will have ability of viewing The College information:

- Upcoming events in the college
- Achievements
- New course
- Merit list
- Assignments
- Exam time table

3. Hardware / Software Requirements

3.1. Hardware Requirements

Component	Requirement
Server	Processor type: Pentium III-compatible processor or faster Processor speed: Recommended: 2.0 GHz or faster
OS	Microsoft Windows Server 2003 or higher
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 2.048 GB or more Maximum: Operating system maximum
Hard Drive	Free space: Minimum: 50 MB Recommended: 50 GB or more Maximum: Operating system maximum

3.2. Software Requirements

Component	Requirement
Microsoft .NET Framework	Version 3.5
Microsoft Visual Studio	Microsoft Visual Studio 2008
RDBMS	Microsoft SQL Server 2008
Design Tool	Adobe Photoshop CS3
Editor	Adobe Dreamweaver CS3
Source Version Control	TortoiseSVN 1.7

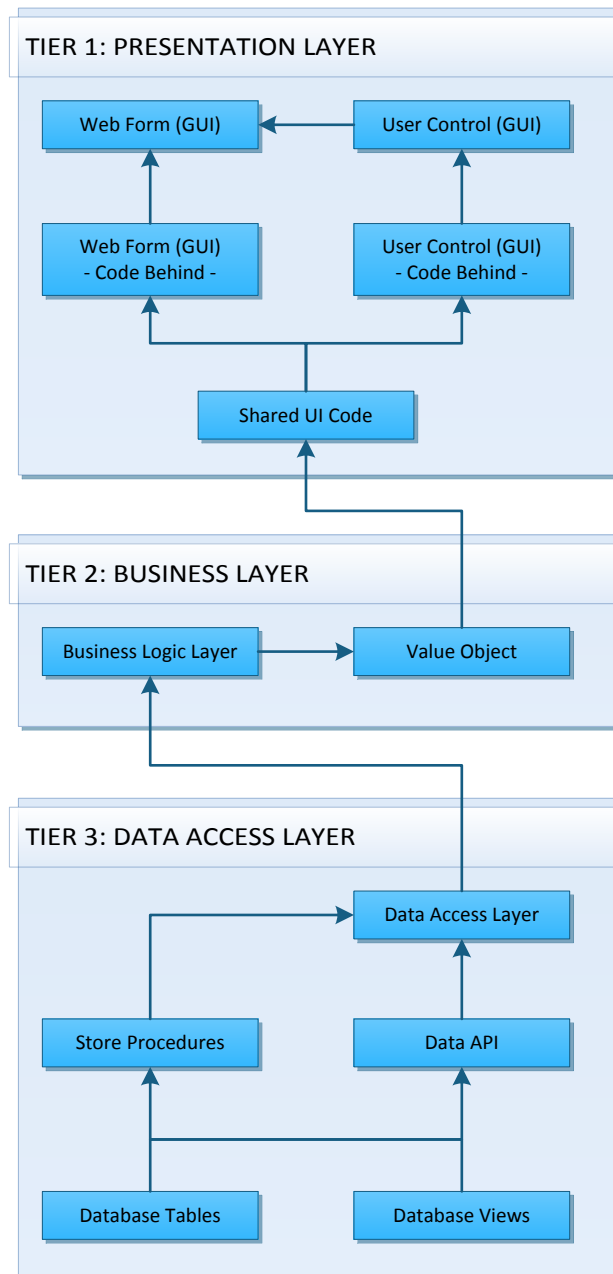
IV. Task sheet review 1

Project Ref. No: 2	Project Title: ITM College Management	Date of Preparation of Activity Plan			
No.	Task	Actual Start Date	Actual Days	Team Member Names	Status
01	Acknowledgment	April 26, 2013	2	All Members	Completed
02	Problem Definition			All Members	Completed
03	Customer Requirement			All Members	Completed
04	Function Requirement			All Members	Completed
05	Hardware/Software			All Members	Completed
06	Task sheet			All Members	Completed

	Prepare By: Group	Approved By: Faculty
Date: Apr 26, 2013	Team Leader Nguyen Vu Hung	 Tran Phuoc Sinh

REVIEW II

I. Architecture & Design of the Project



Three-Tier Architecture of the Project

1. Presentation Tier:

Is the tier in which the users interact with an application. Presentation Tier contents Shared UI code, Code Behind and Designers used to represent information to user.

Technology: ASP.NET, DHTML, CSS, JavaScript, Ajax

2. Business Logic Tier:

Is mainly working as the bridge between Data Tier and Presentation Tier. All the Data passes through the Business Tier before passing to the Presentation Tier.

Technology: OOP, ASP.NET

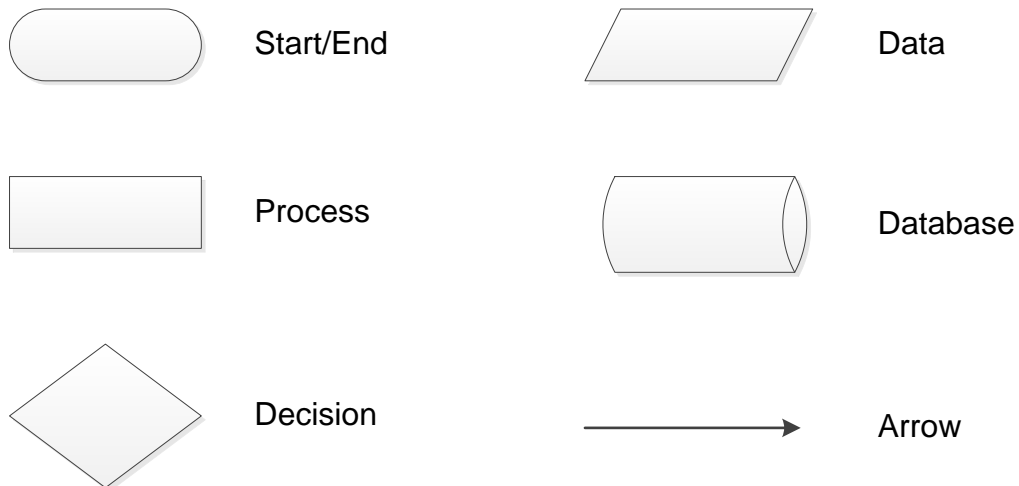
3. Data Access Tier:

Is basically the server which stores all the application's data. Data tier contents Database Tables, Database Views and other means of storing Application Data.

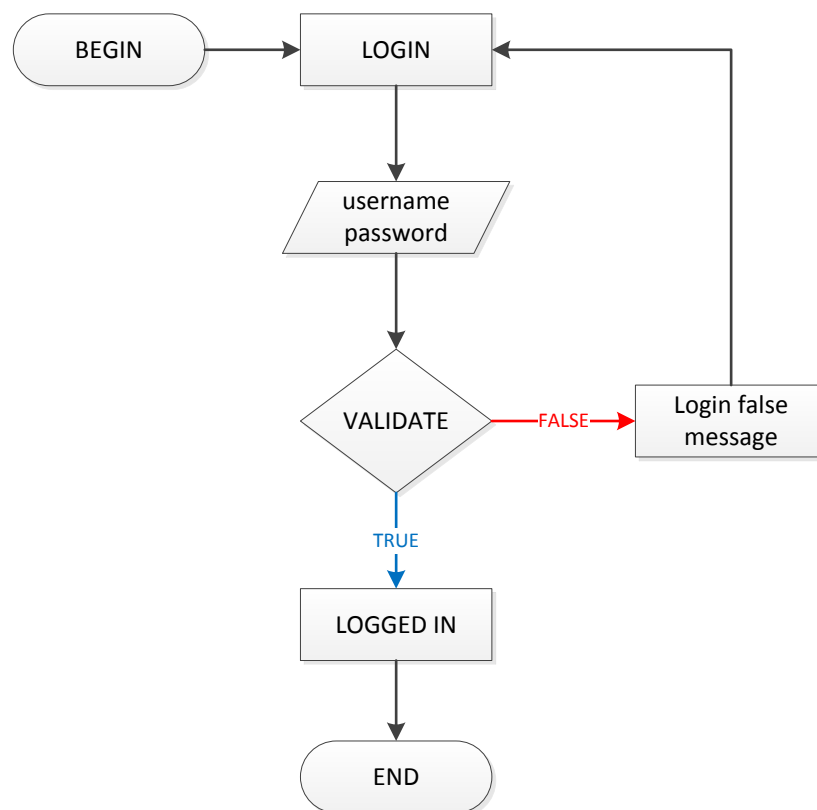
Technology: SQL Server, LINQ, ADO.NET

II. Algorithms - Data Flowchart:

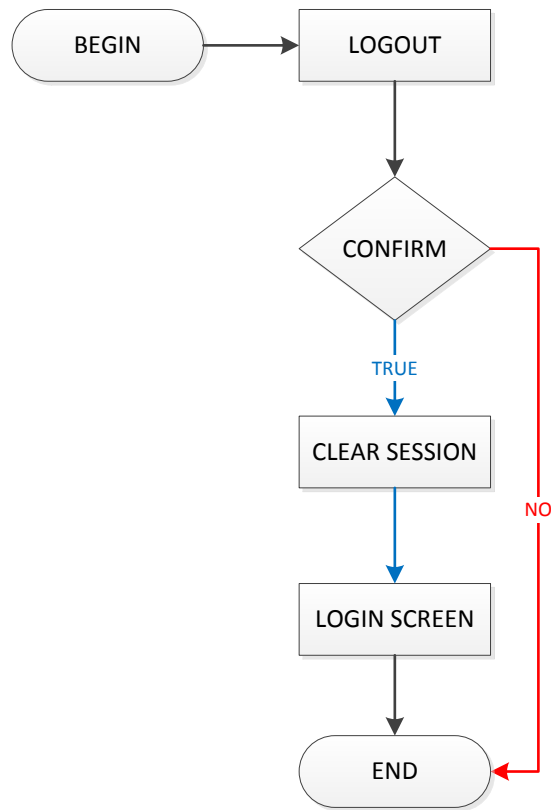
Symbol generates:



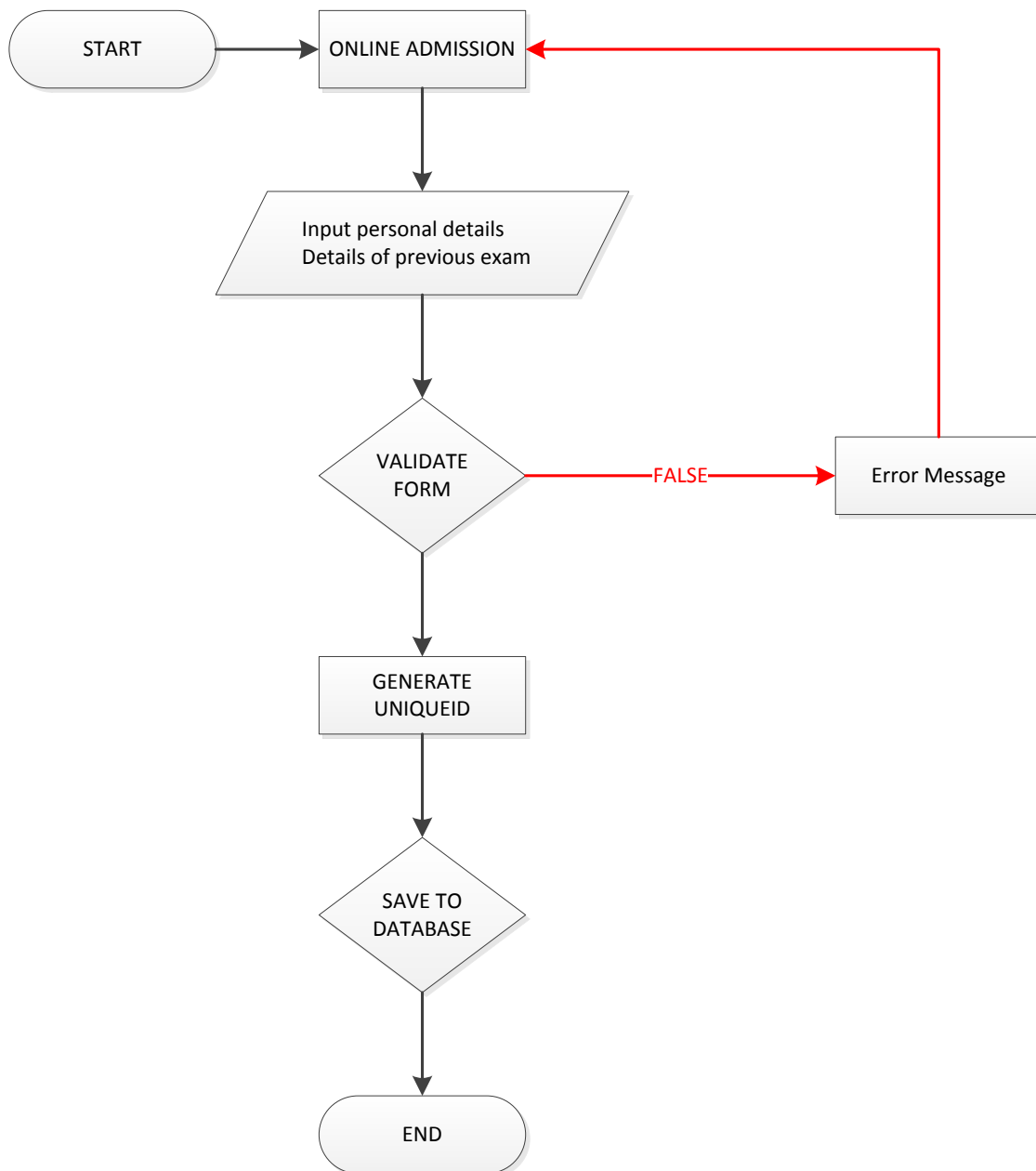
1. Login process



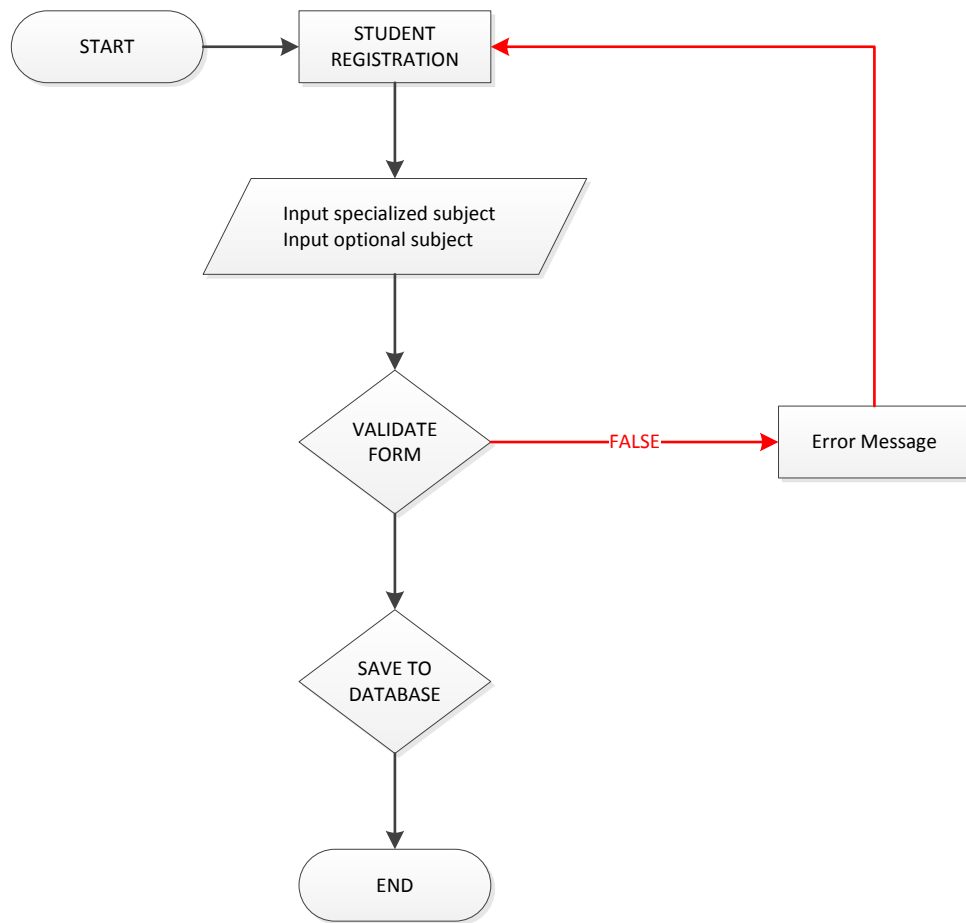
2. Logout process



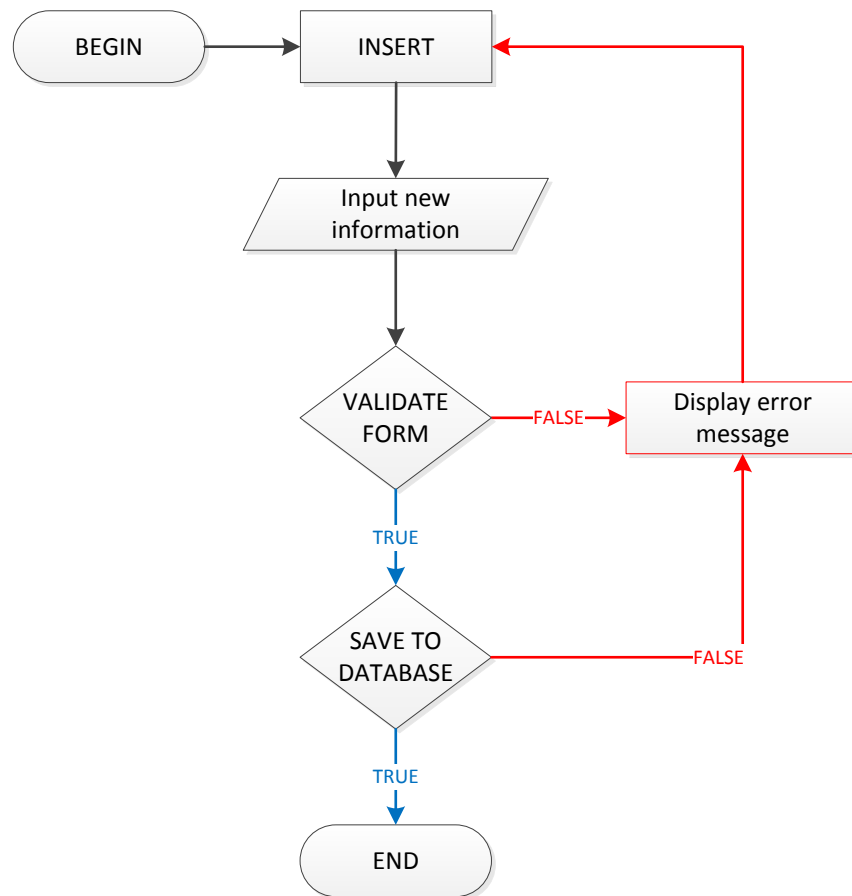
3. Online Admission



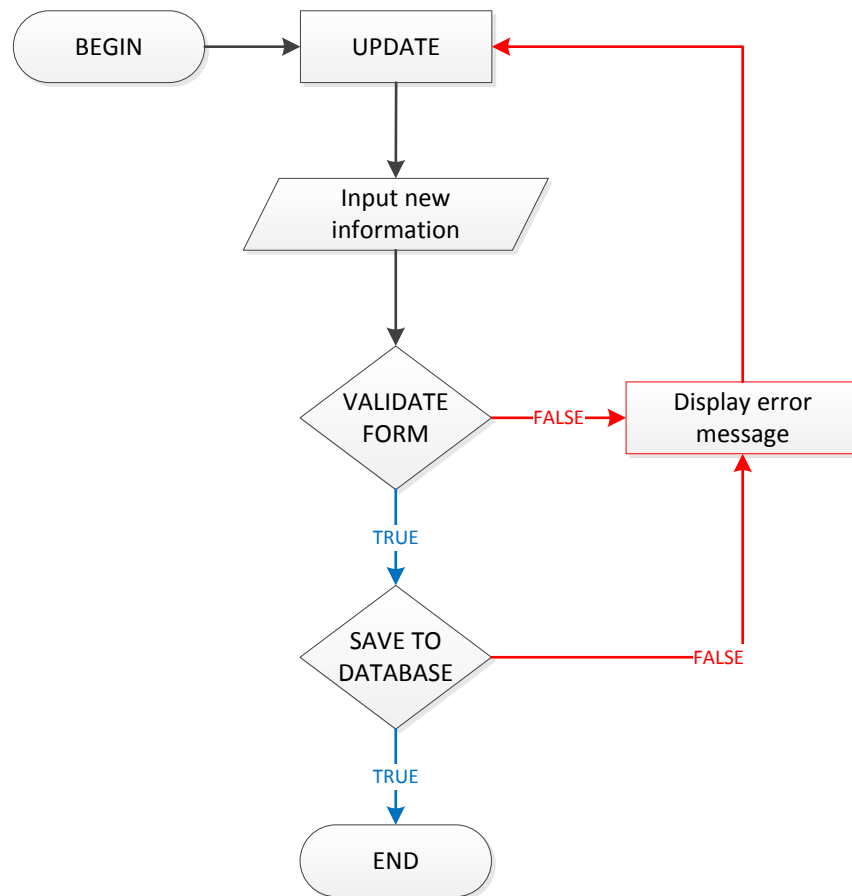
4. Student Registration



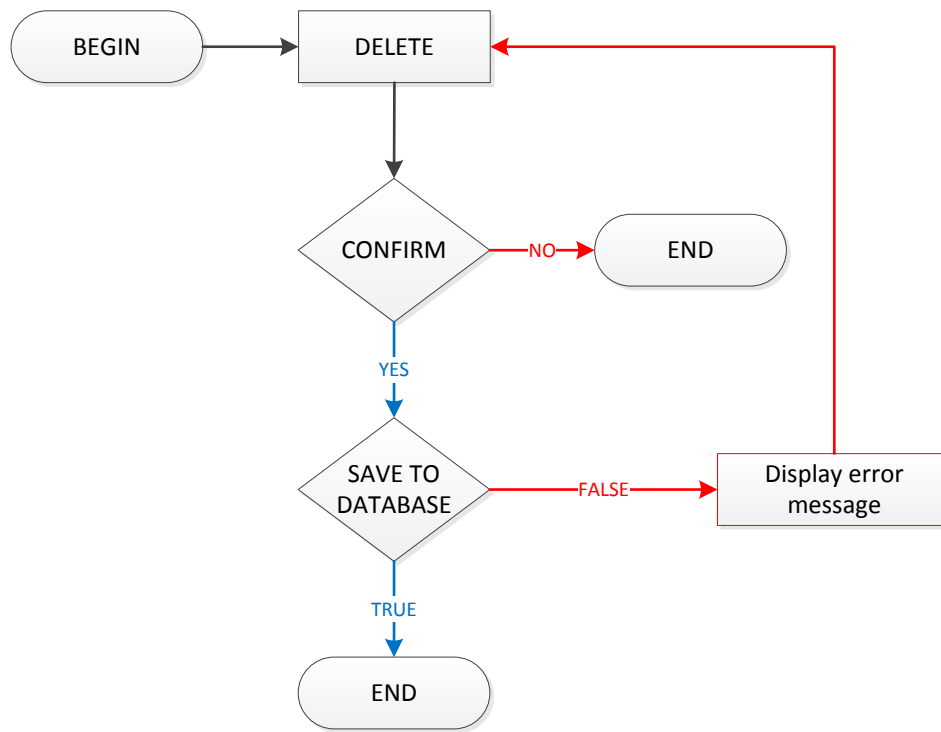
5. Insert process



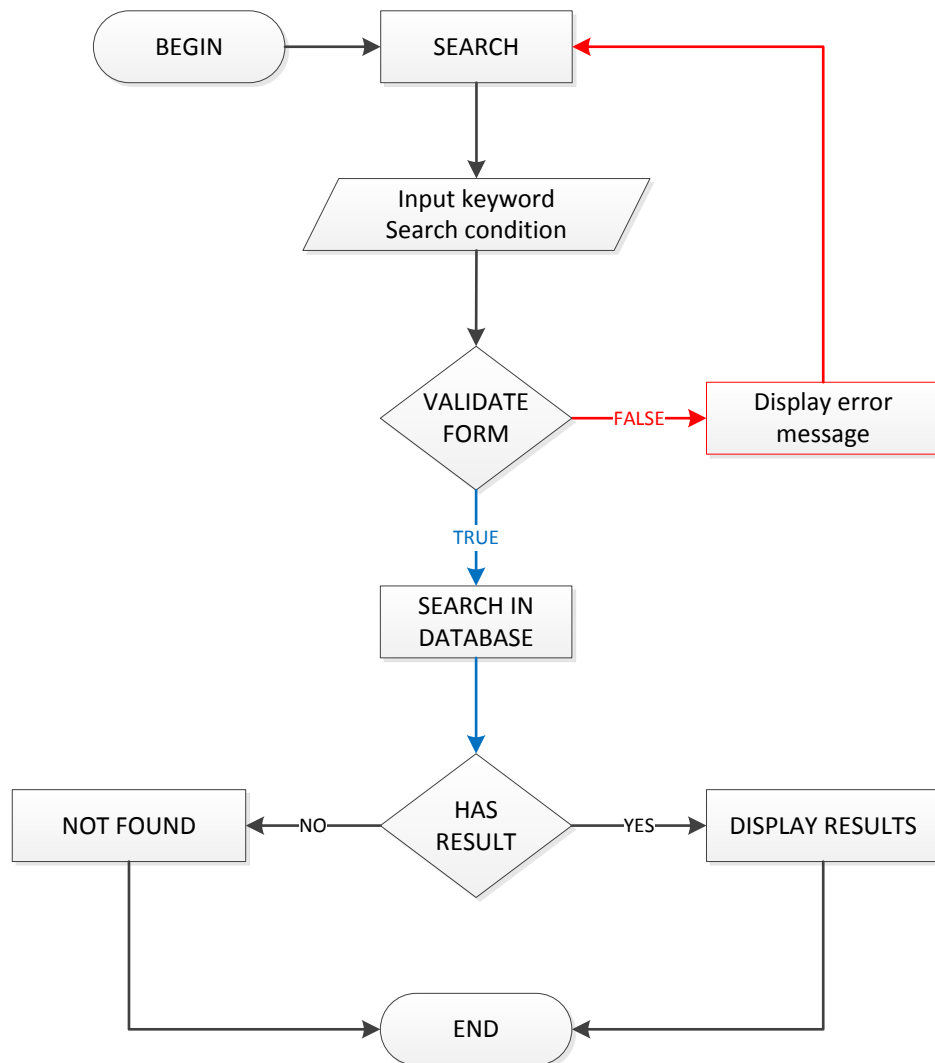
6. Update process



7. Delete process



8. Search process



III. Data Flow Diagram

Define: Data Flows Diagram (DFD) describes the information flow in the system. The next step of system analysis is to consider in detail the information necessary for the implementation for functions discussed above and the one necessary for the improvement of the functions. Modelling tool frequently used for this purpose is DFD. DFD will support 4 main activities:

Analysis: DFD is used to determine requirement of users.

Design: DFD is used to map out plan and illustrate solution to analysis and users while designing a new system.

Communication: one of the strength of DFD is its simplicity and ease to understand to analysts and users;

Document: DFD is used to provide special description of requirement and system design. DFD provide an overview of key functional components of the system but it does not provide any detail on these components. We have to use other tools like database dictionary, process specification to get an idea of which information will be exchanged and how.

The main components of Context Diagram:



External



The process



Data flow



Data store

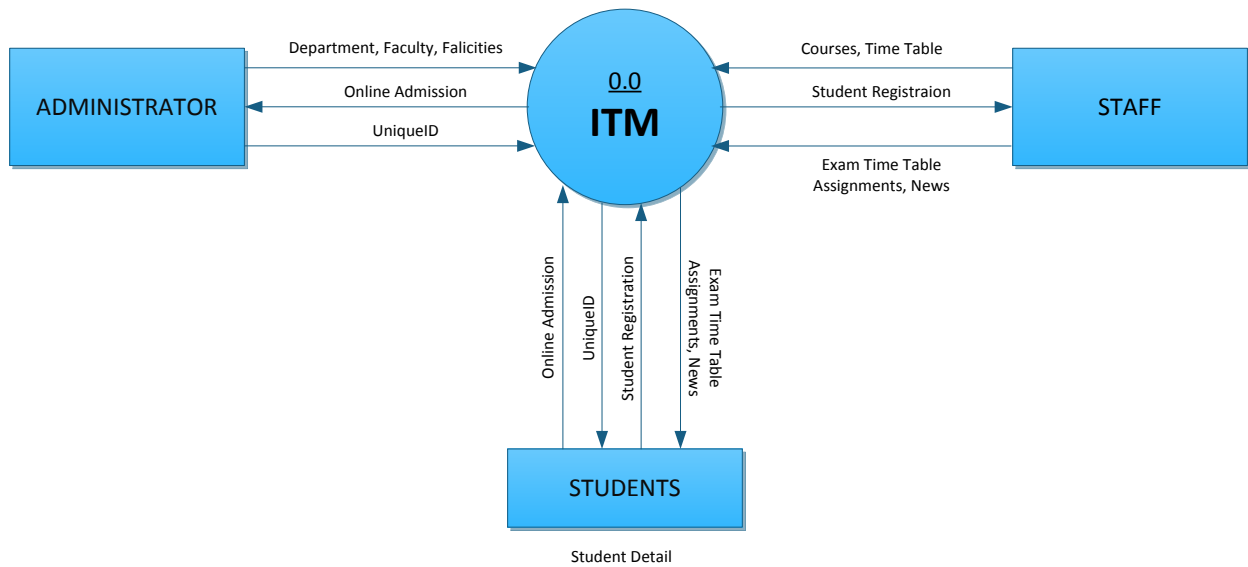
The process: Shows the common function of system

The external factors: External factors can be a person, a group of persons or an organization that are sources of information for the systems and are where system products are transferred to.

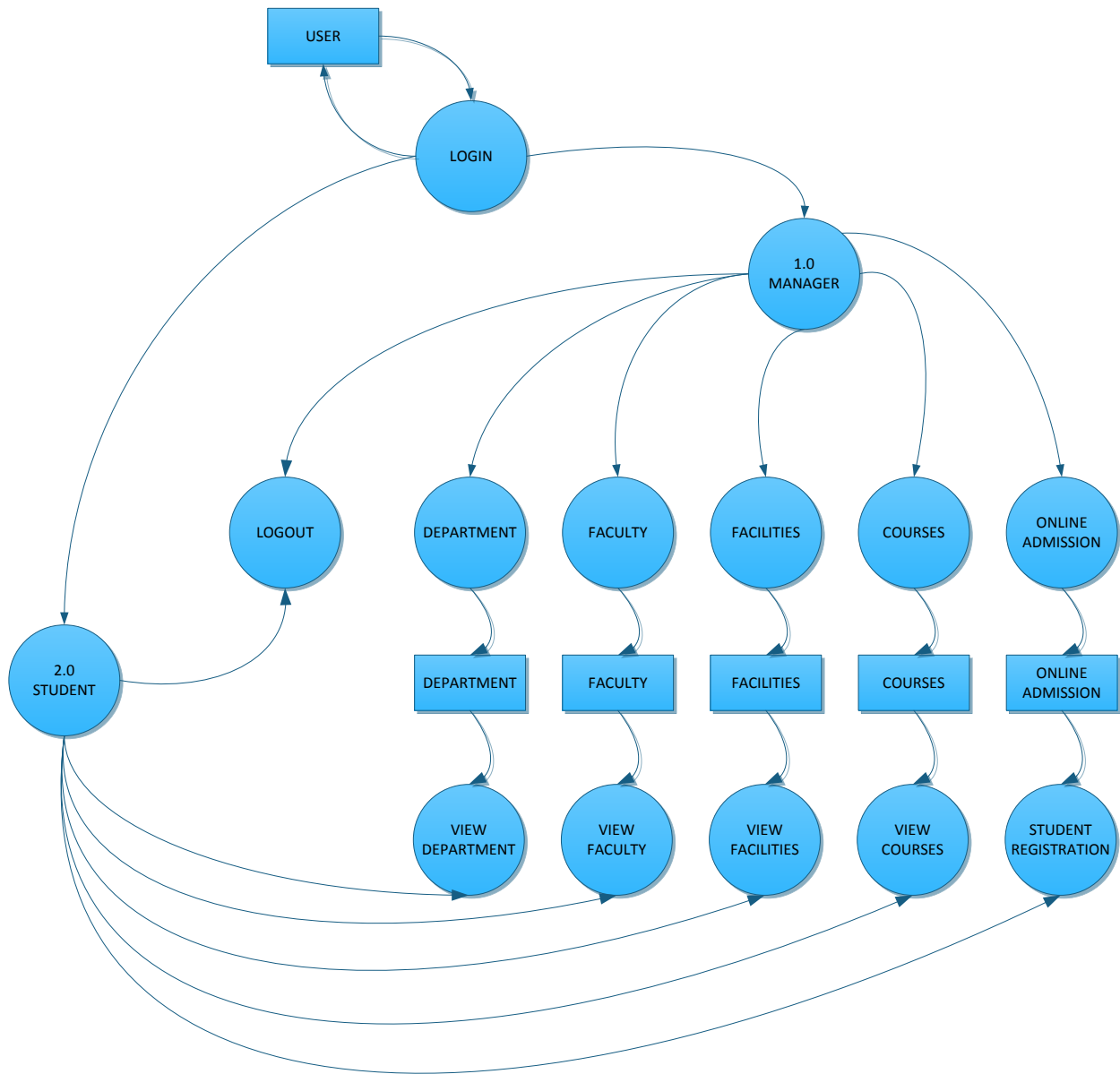
The data flow: Describe the movement of information from one part of the system to another.

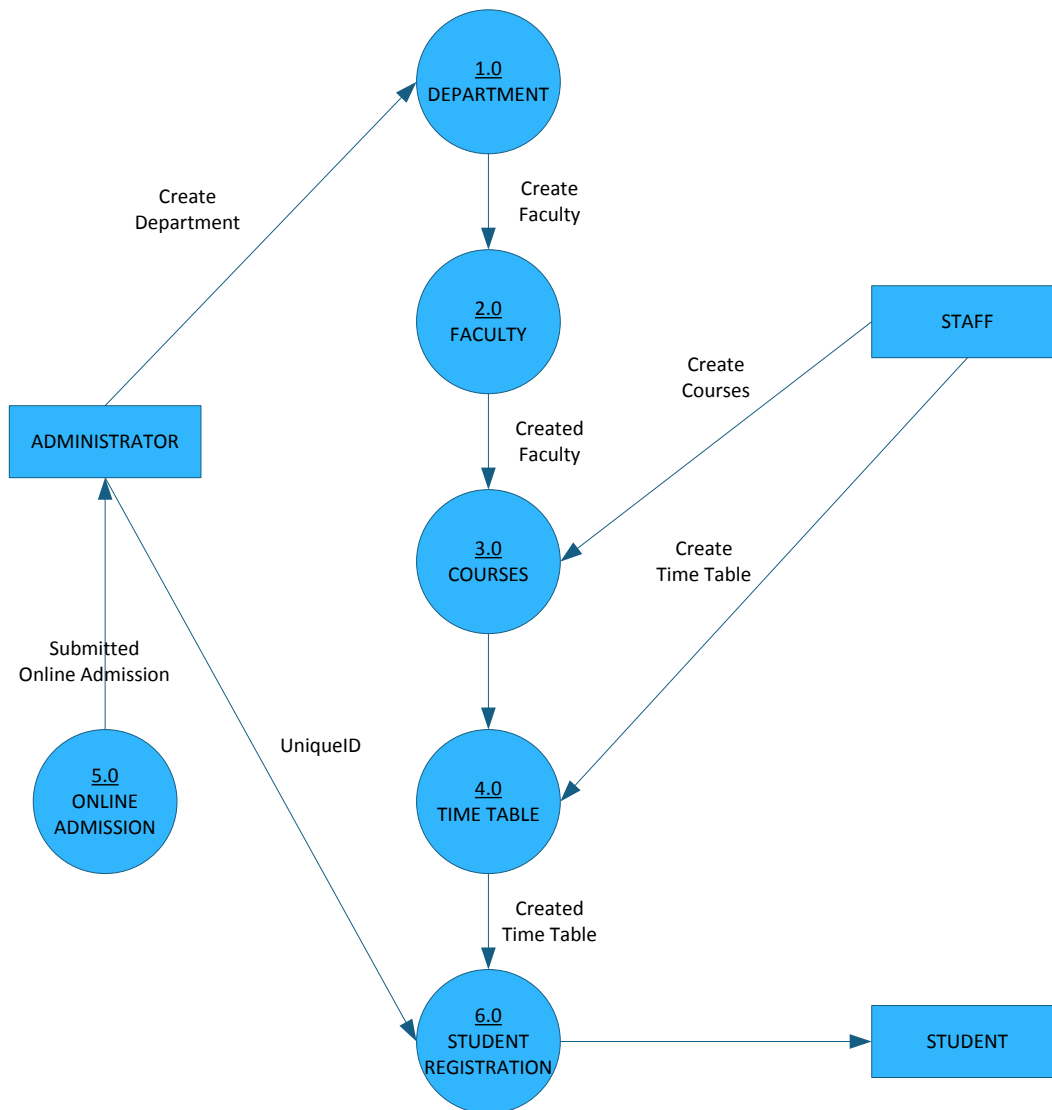
The data store: The Data Store is used to model a collection of data packets at rest. A store is represented graphically by two parallel lines. The name of a Data Store that identifies the store is the plural of the name of the packets that are carried by flows into and out of the Data Store

1. Context Level Diagram



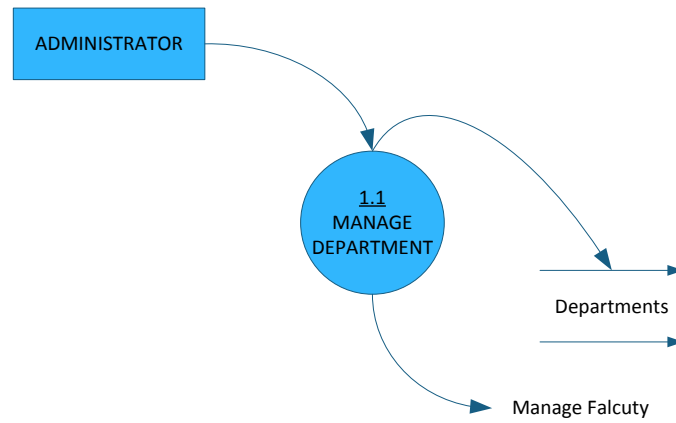
2. Level 0 DFD



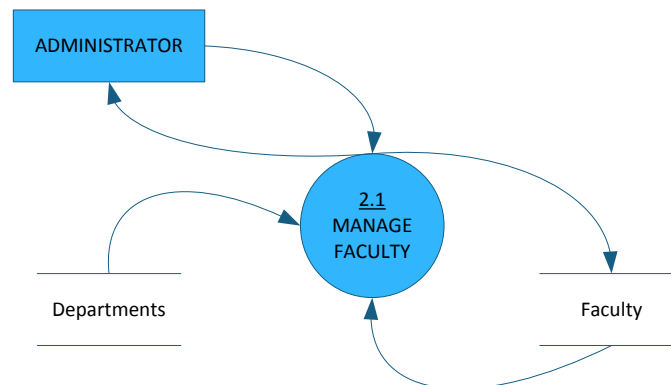


3. Level 1 DFD

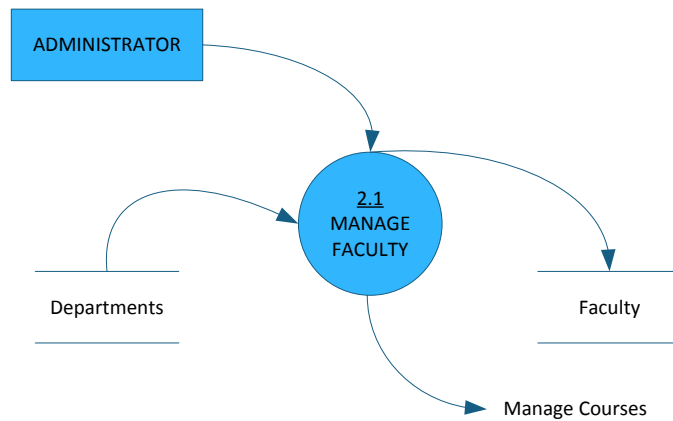
3.1. Level 1 DFD – Administrator Manage Department



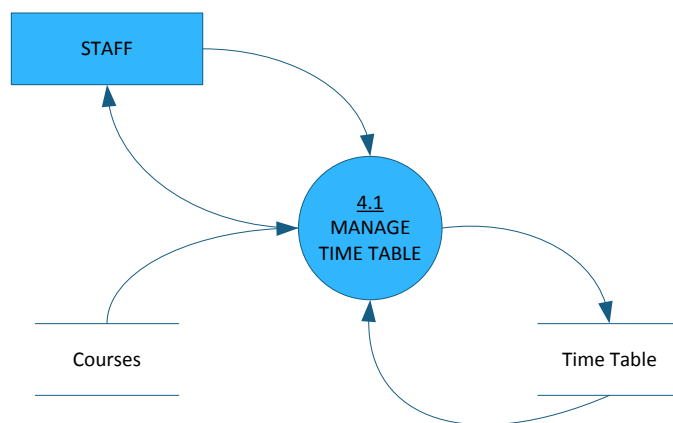
3.2. Level 1 DFD – Administrator Manage Faculty



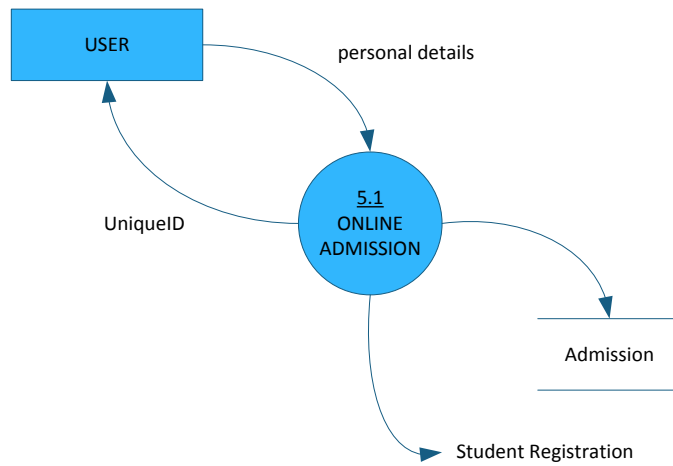
3.3. Level 1 DFD – Staff Manage Course



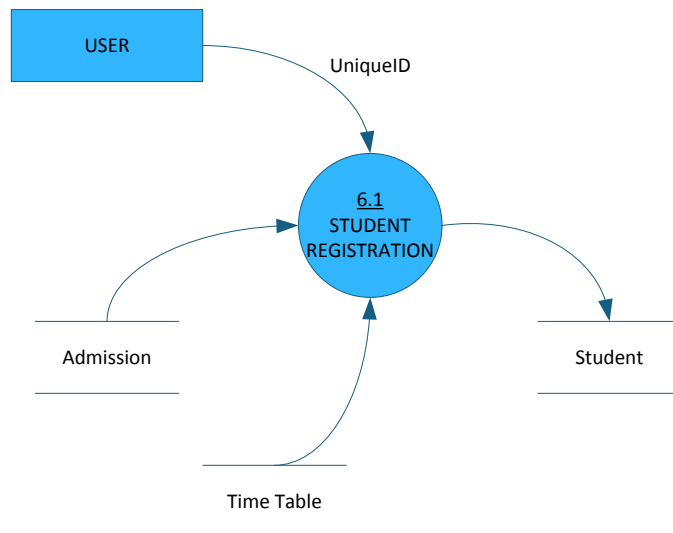
3.4. Level 1 DFD – Staff Manage Time Table



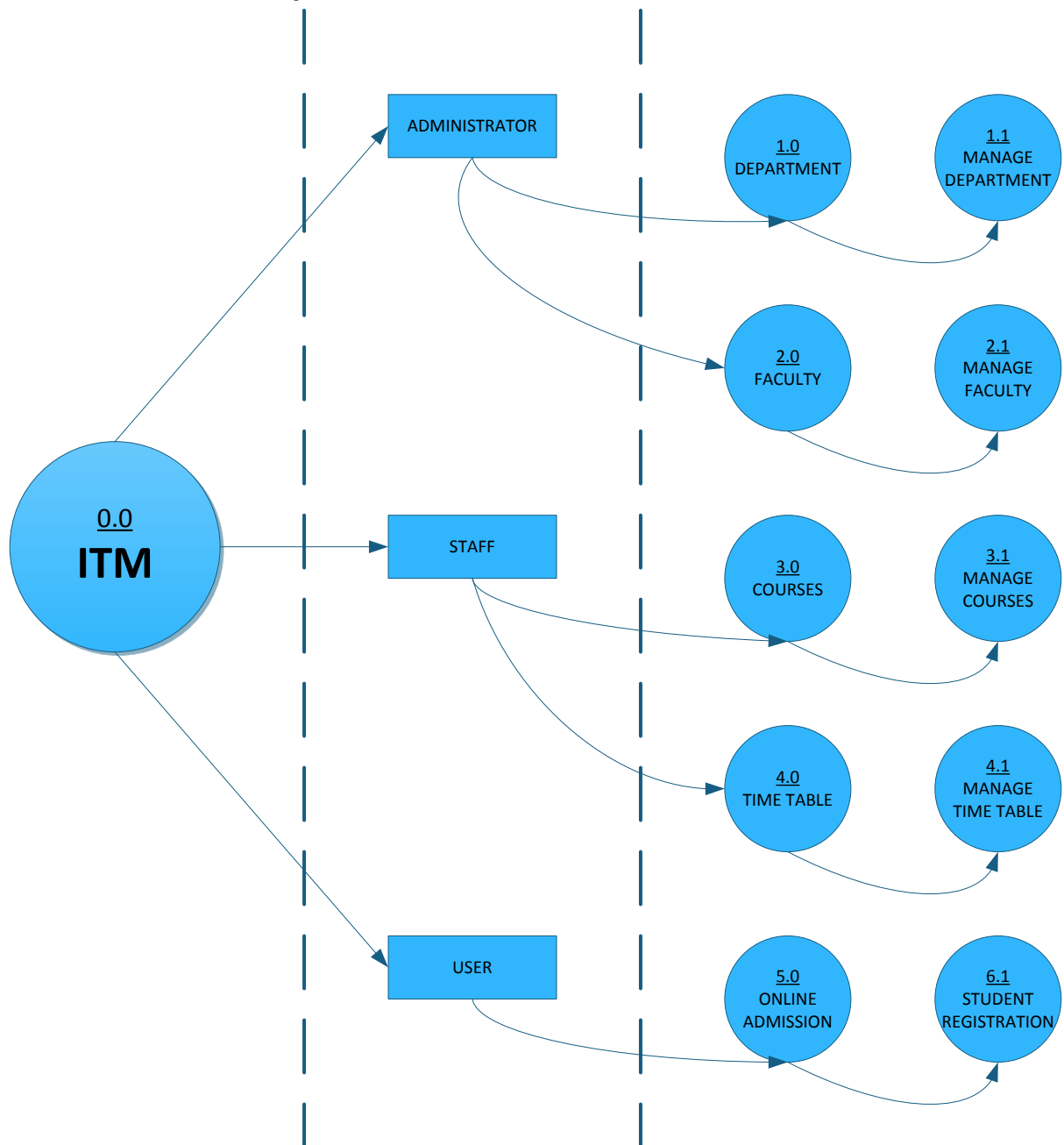
3.5. Level 1 DFD – Online Admission



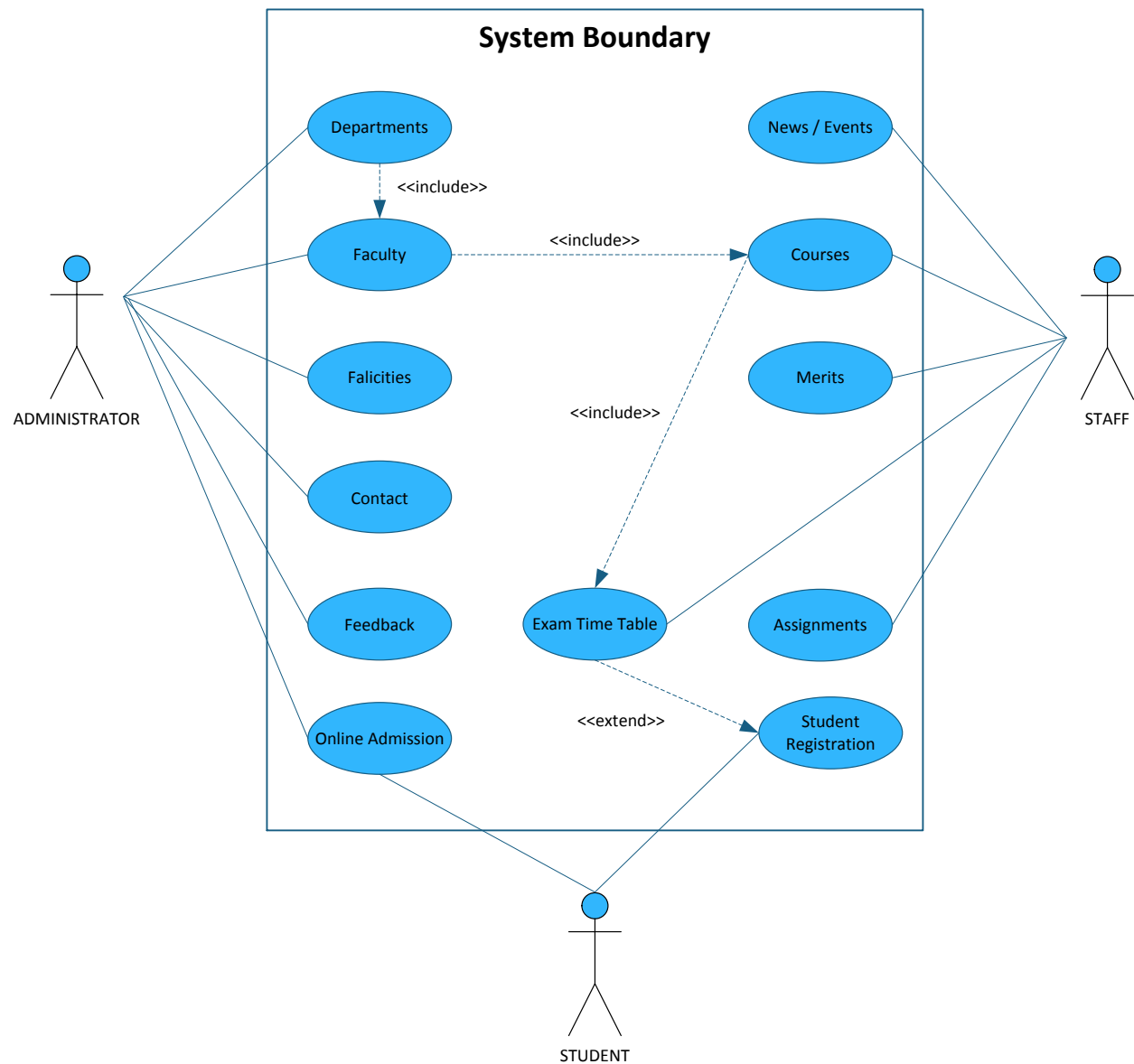
3.6. Level 1 DFD – Student Registration



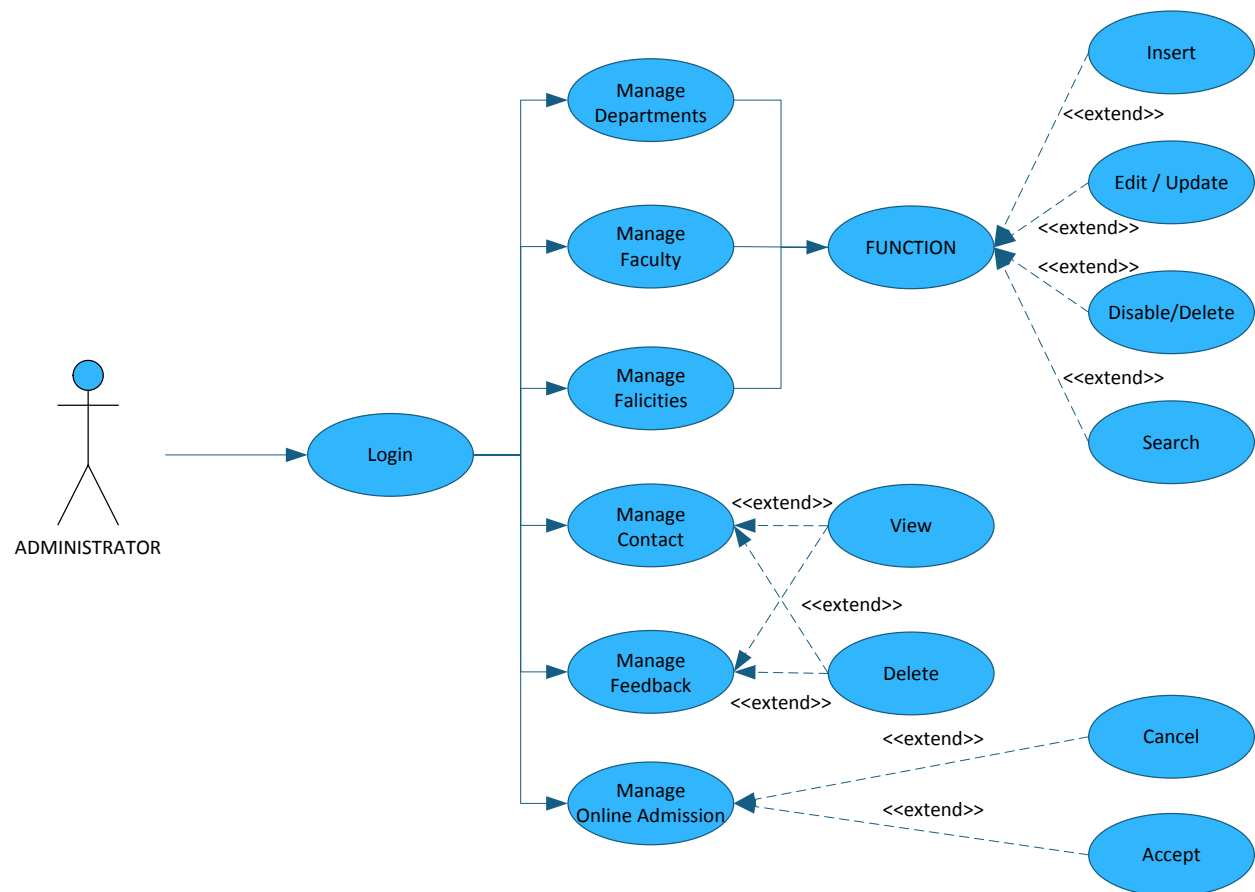
3.7. Process Decomposition



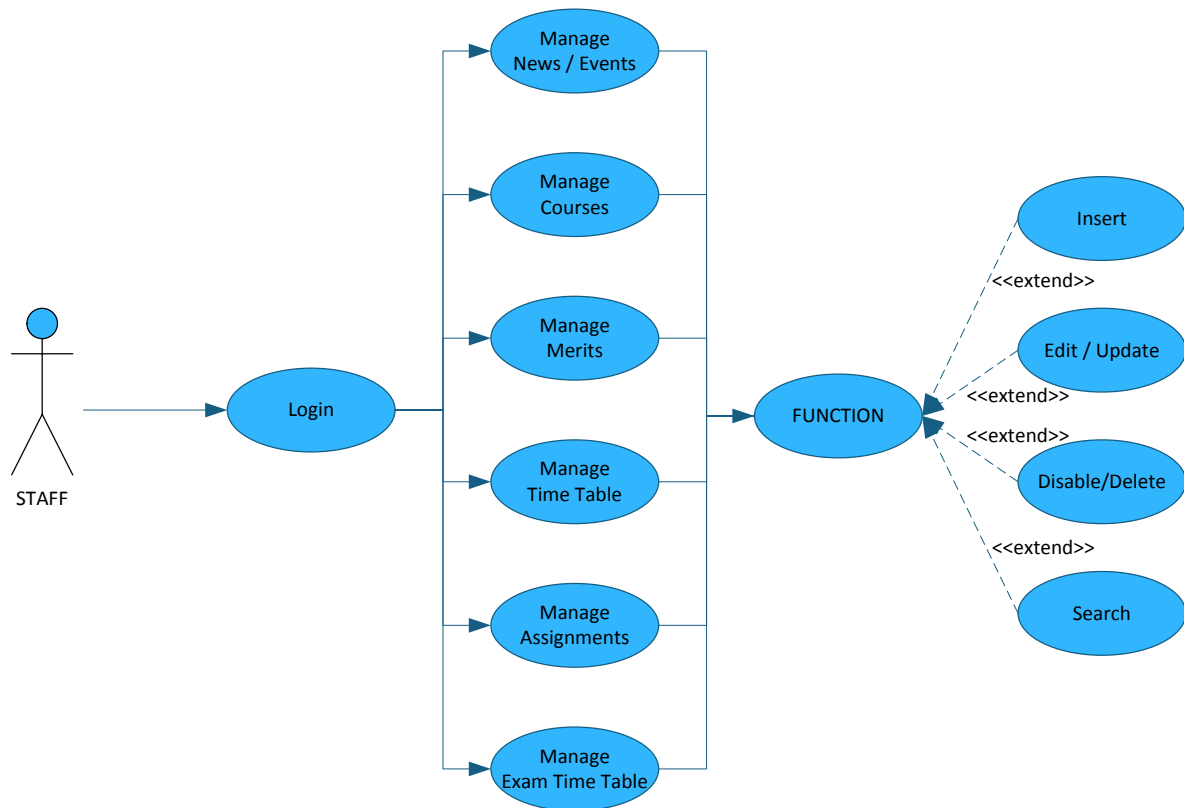
IV. Use Case Diagram



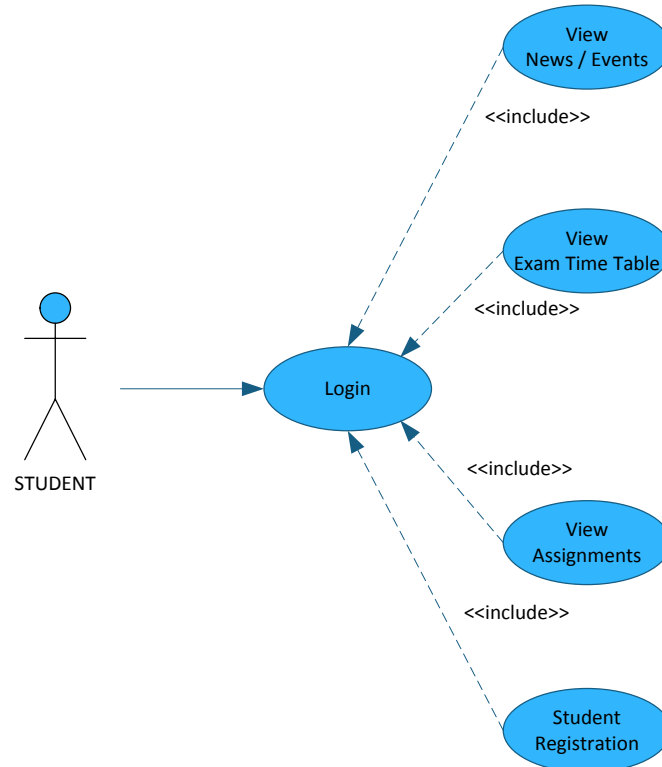
1. Administrator Use Case



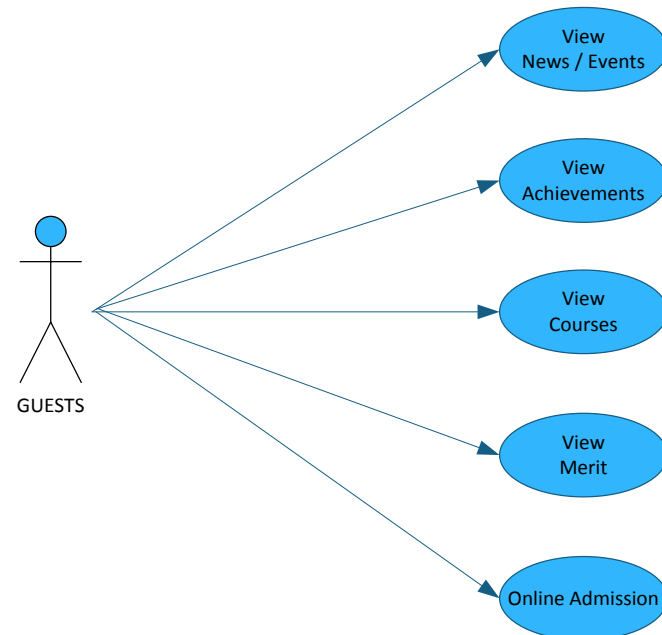
2. Staff Use Case



3. Student Use Case

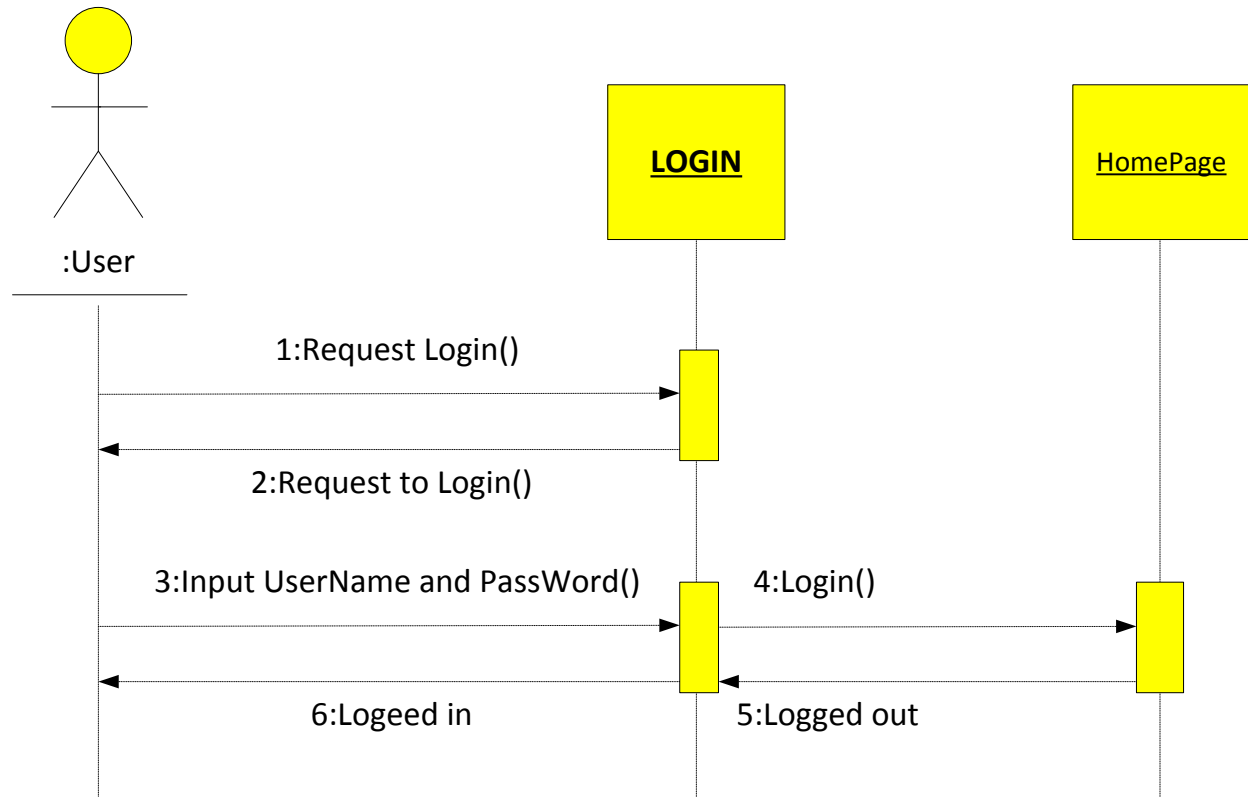


4. Guest Use Case



V. Sequence Diagram

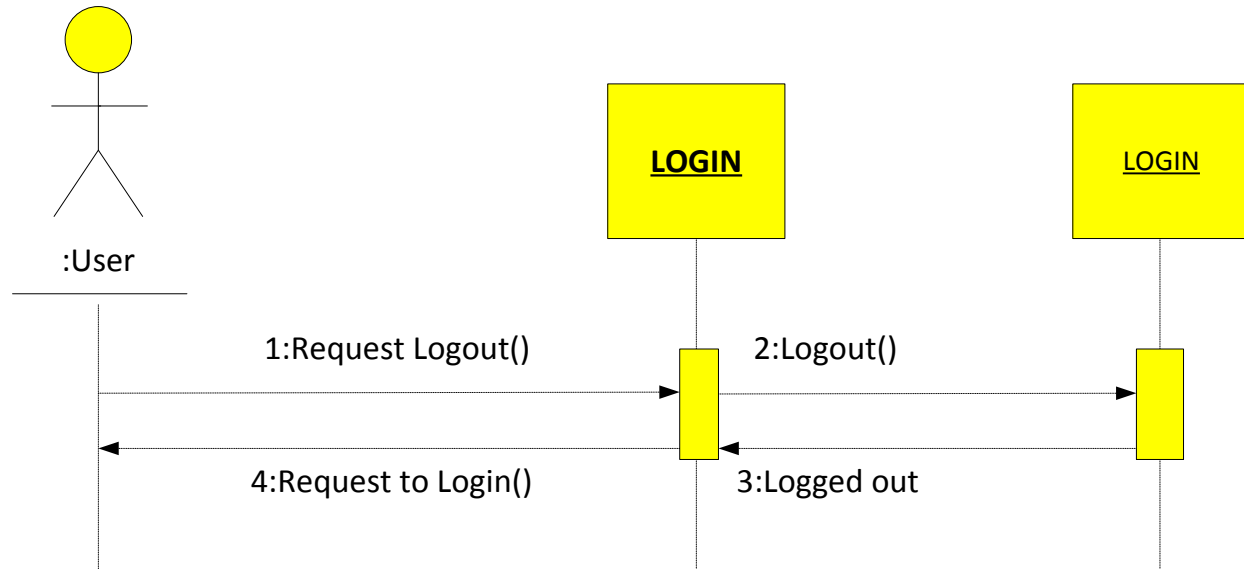
1. Login



Use Case Name	Login	
Author	Nguyen Vu Hung	
Actors	Administrator, Staff, Student	
Description	Actors use this use case to login to system	
Requirements		
Pre-Conditions		
Post-Condition		
Basic Flow	<u>Actors action</u> 1. Actors click on "Login " button	<u>System Response</u> 2. The system display "Login" page the following control: - "Username" text field - "Password" text field - "Login" button

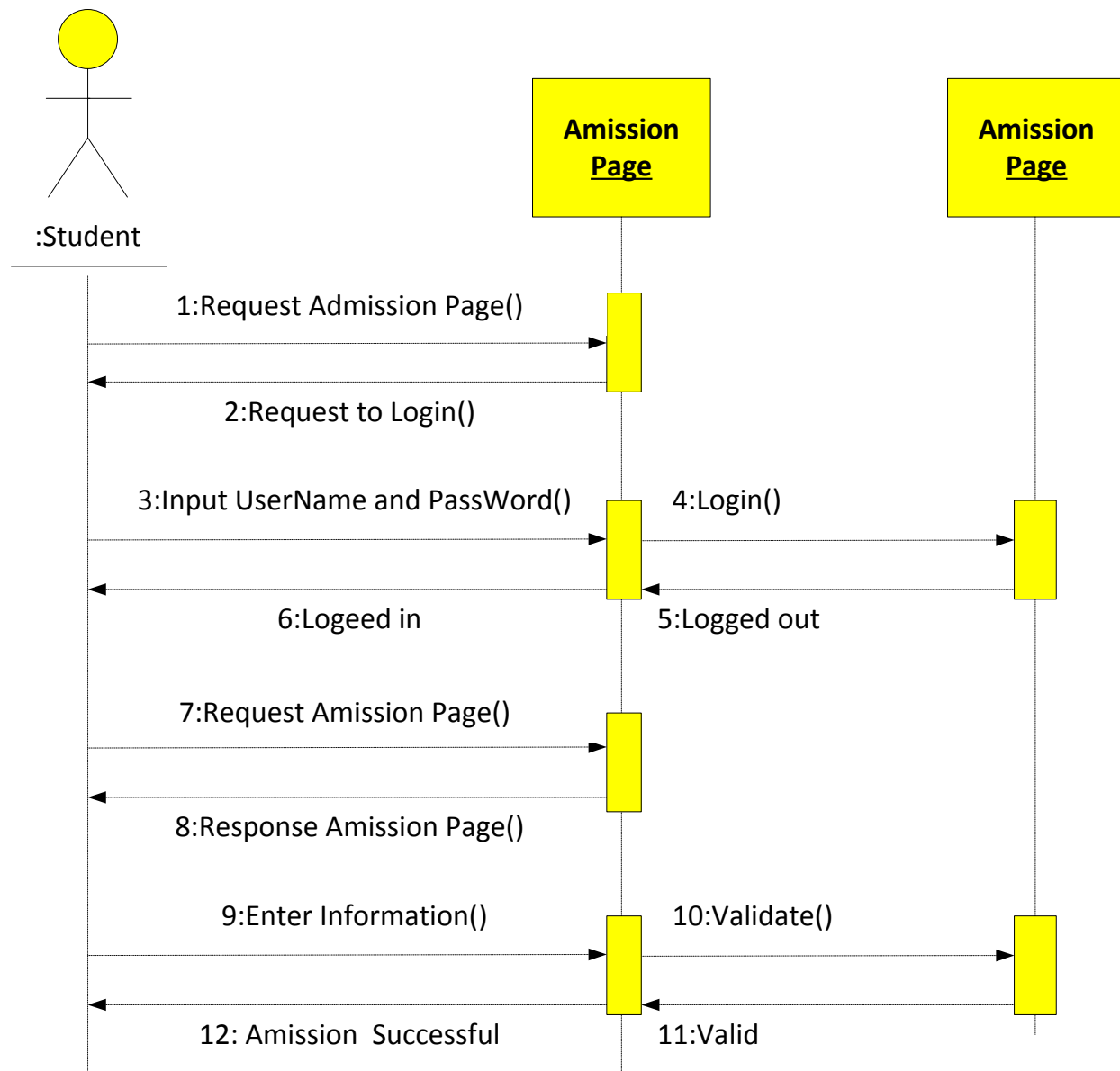
	3. Actors enter username and password into form. 4. Actors click "Login" button <u>[alternative]</u>	- "Cancel" button 5. The system validate Username and Password 6. The system log Actors into system.
Alternative Flow	<u>Actors action</u> [alternative] Actors click Cancel button	<u>System Response</u> System return to Homepage
Exceptions	<u>Actors action</u> [exception1] Actors provide invalid Username and Password	<u>System Response</u> 1. System display message: "The username or password provided are incorrect"

2. Logout



Use Case Name	Logout	
Author	Nguyen Vu Hung	
Actors	Administrator, Staff, Student	
Description	Actors use this use case to login to system	
Requirements		
Pre-Conditions	Already login into the System	
Post-Condition		
Basic Flow	<u>Actors action</u> 1. Actors click on "Logout " button 3. Actors click "OK" button [alternative]	<u>System Response</u> 2. System display message: "Do you want to logout?" 5. System logout Actors.
Alternative Flow	<u>Actors action</u> [alternative] Actors click Cancel button	<u>System Response</u> System return to previous page
Exceptions		

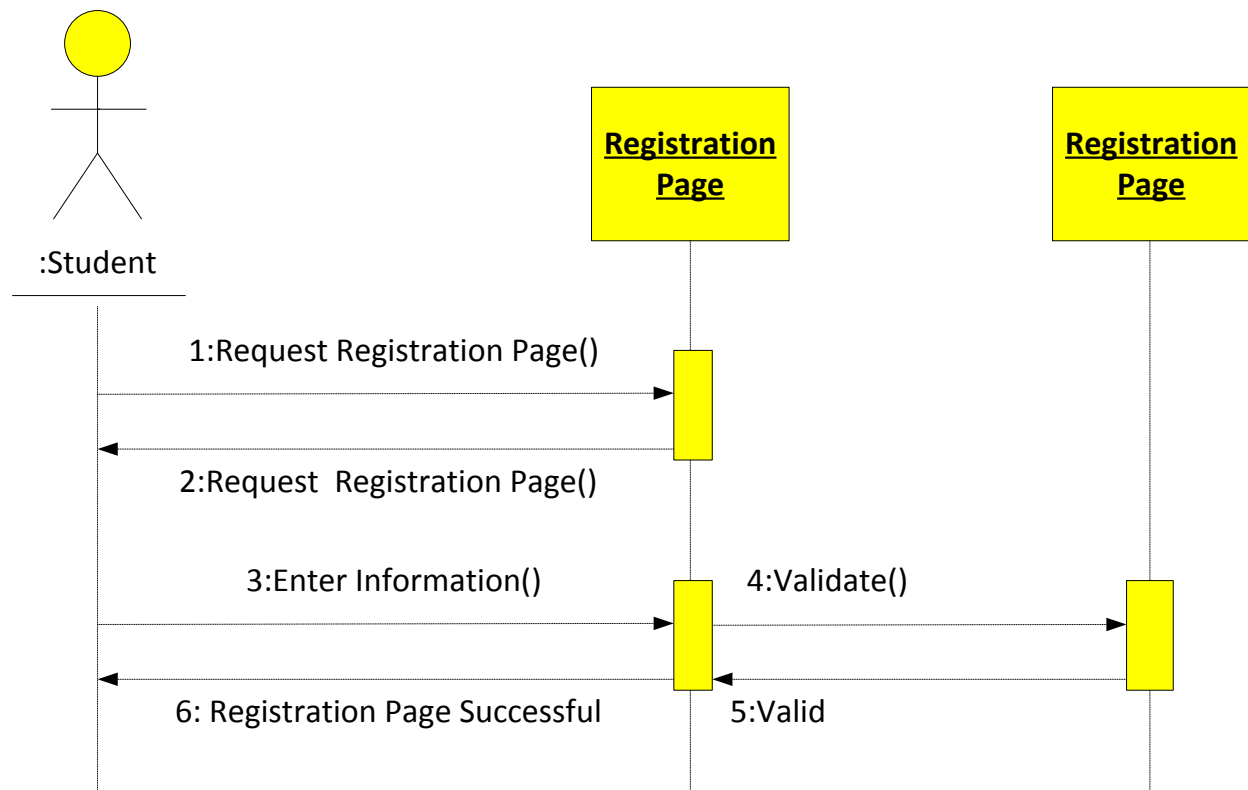
3. Online Admission



Use Case Name	Online Admission
Author	Tran Van Hai
Actors	Admin
Description	Actors use display Online Admission
Requirements	
Pre-Conditions	
Post-Condition	

Basic Flow	<u>Actors action</u> 1. Actors click on “Online Admission “ button 3. Actors click “Submit” button [alternative]	<u>System Response</u> 2. The system display ” Online Admission” page the following with input personal details and details of previous exam 4. The system validate [exception1] 5. System save database
Alternative Flow	<u>Actors action</u> [alternative] Actors click Cancel button	<u>System Response</u> System return to Homepage
Exceptions	<u>Actors action</u> [exception1] Actors provide invalid Online Admission	<u>System Response</u> 1. System display message: “error message”

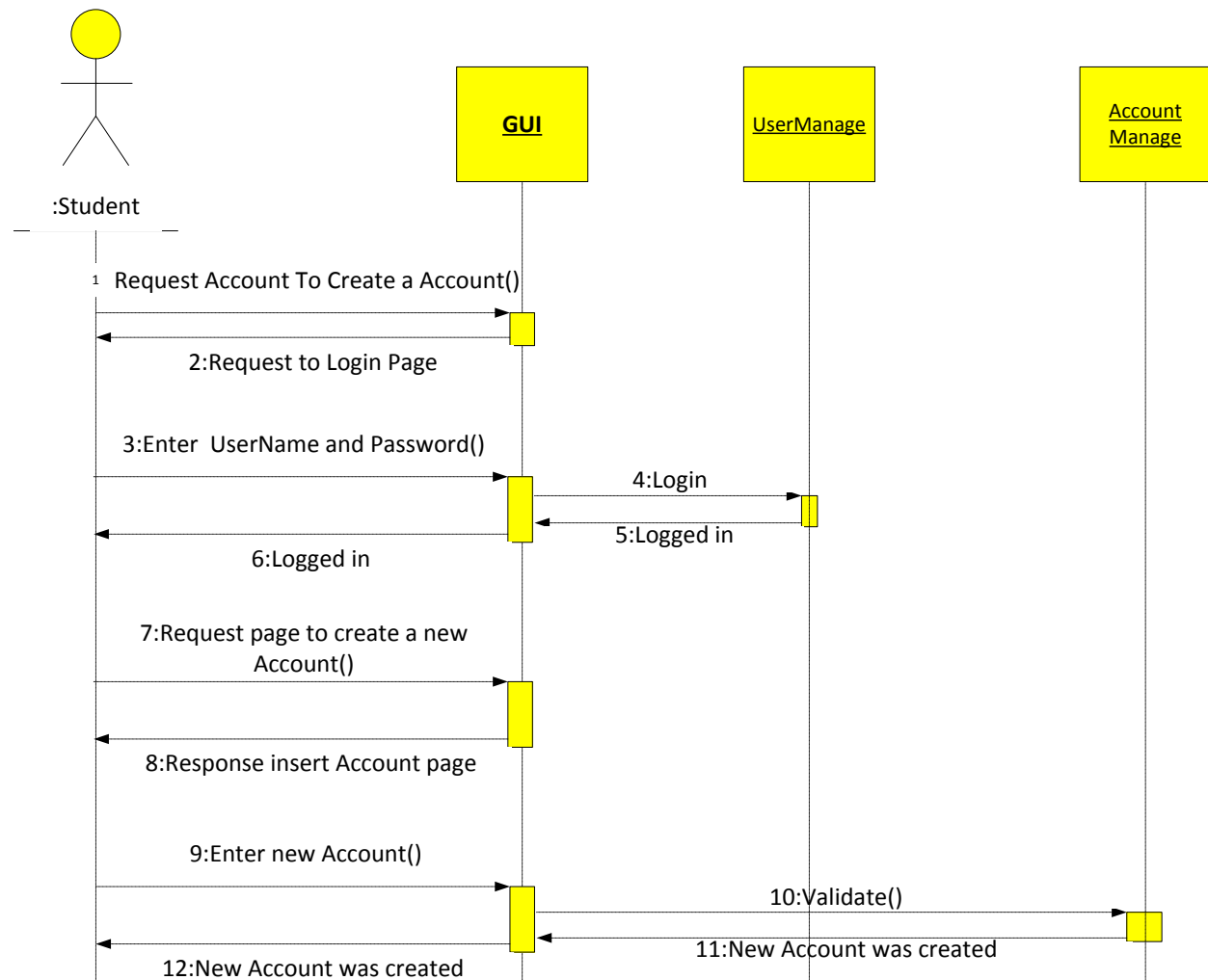
4. Student Registration



Use Case Name	Student Registration	
Author	Le Ngoc Nhut	
Actors	Student	
Description		
Requirements		
Pre-Conditions	Actors has UNIQUEID	
Post-Condition		
Basic Flow	<u>Actors action</u> 1. Actors click on “Student Registration “ button 3. Actors click “Submit” button [alternative]	<u>System Response</u> 2. System display Student Registration page the following input specialized subject and input optional subject 4. Validate form [exception1]

		5. System save database
Alternative Flow	<u>Actors action</u> [alternative] Actors click Cancel button	<u>System Response</u> System return to previous page
Exceptions	<u>Actors action</u> [exception1] Actors provide invalid Student Registration	<u>System Response</u> 1. System display message: "error message"

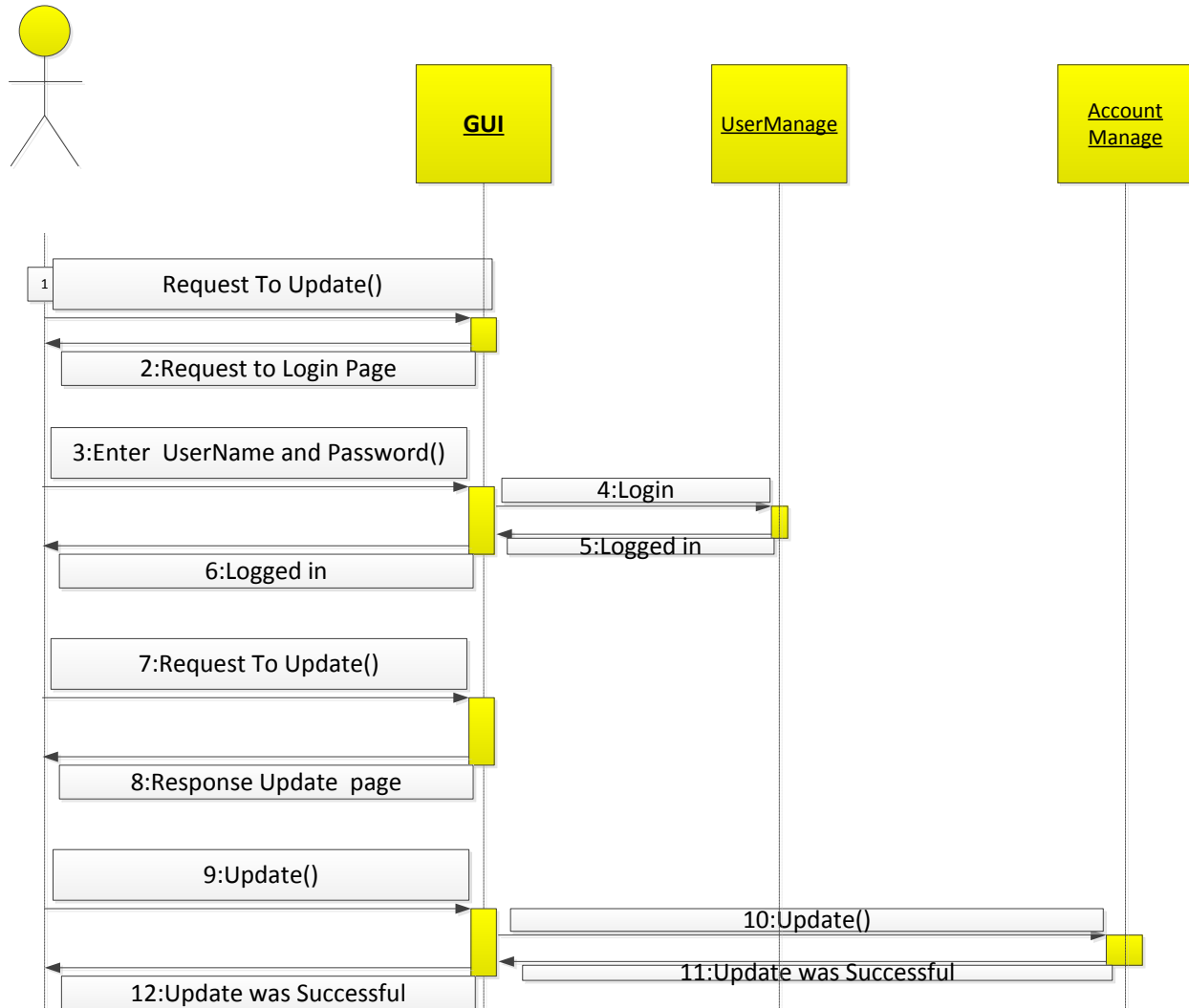
5. Insert



Use Case Name	Insert	
Author	Tran Dung Tri	
Actors	Administrator, Staff	
Description	Actors use this use case to insert new information into system	
Requirements		
Pre-Conditions	Already logged in to the System as Administrator or Staff	
Post-Condition	Success: New information is saved into system database Fail: Refill information	
Basic Flow	Actors action	System Response
	1. Actors click on "Insert" button	2. System displays "Insert"

	3. Actors enter new information into required fields. 4. Actors click “Submit” button [alternative1]	page 5. System validates new information [exception1] 6. System saves new information into Database.
Alternative Flow	<u>Actors action</u> [alternative1] Actors click “Cancel” button	<u>System Response</u> System returns to previous page
Exceptions	<u>Actors action</u> [exception1] Actors provide invalid information	<u>System Response</u> 1. System displays error message

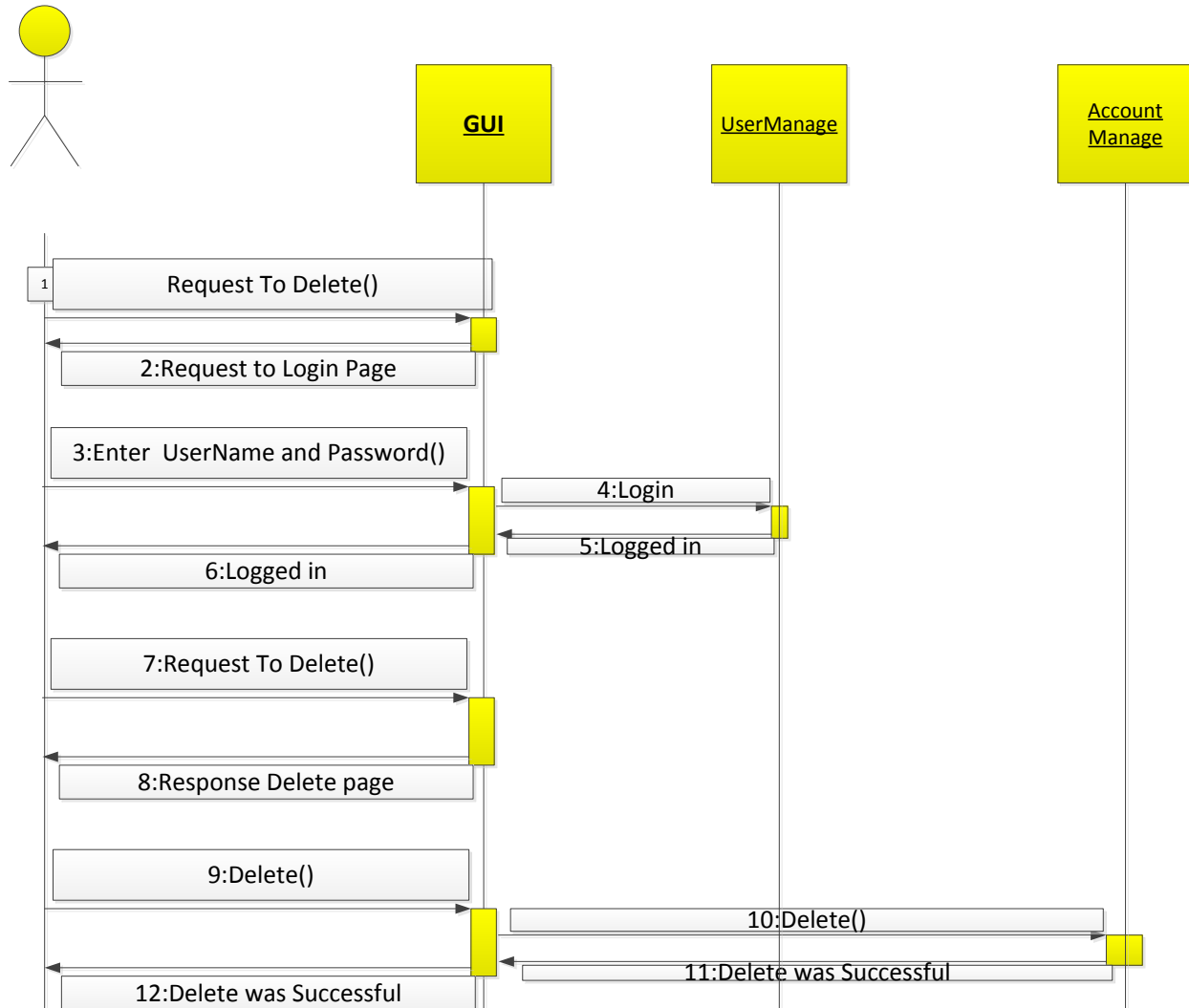
6. Update



Use Case Name	Update	
Author	Tran Dung Tri	
Actors	Administrator, Staff	
Description	Actors use this use case to update new information into system	
Requirements		
Pre-Conditions	Already logged in to the system	
Post-Condition	Success: Selected information is updated into system database Fail: Refill information	
Basic Flow	<u>Actors action</u>	<u>System Response</u>
	1. Actors click on "Update"	

	button 3. Actors update new information into required fields. 4. Actors click "Update" button [alternative]	2. System displays "Update" page 5. System validates information [exception1] 6. System updates new information into Database.
Alternative Flow	<u>Actors action</u> [alternative] Actors click Cancel button	<u>System Response</u> System returns to previous page
Exceptions	<u>Actors action</u> [exception1] Actors provide invalid information	<u>System Response</u> 1. System displays error message

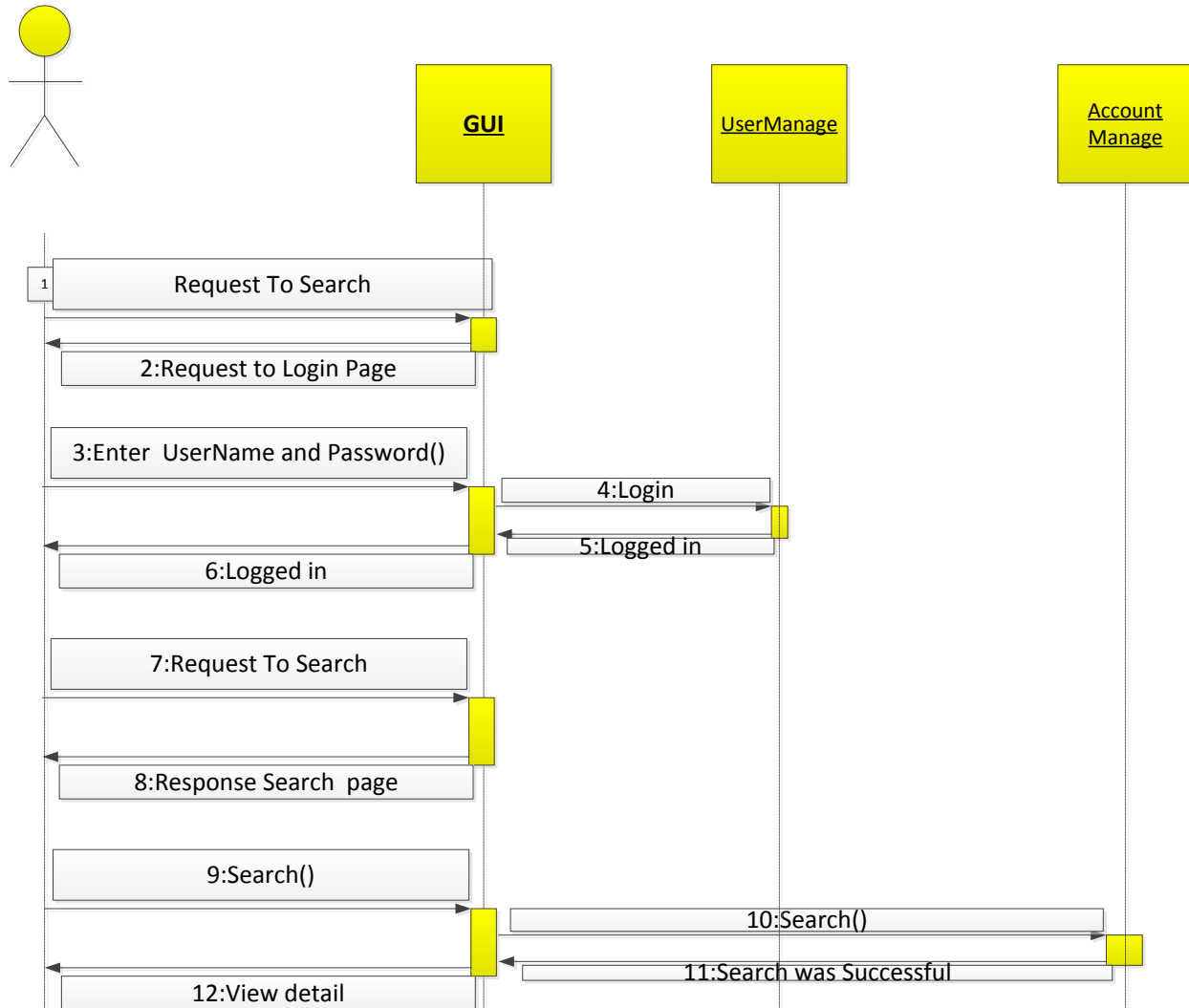
7. Delete



Use Case Name	Delete	
Author	Tran Dung Tri	
Actors	Administrator, Staff	
Description	Actors use this use case to delete information from system	
Requirements		
Pre-Conditions	Already logged in to the system	
Post-Condition	Success: Selected information is deleted from system database Fail: Refill information	
Basic Flow	<u>Actors action</u> 1. Actors click on "Delete" button	<u>System Response</u>

	4. Actors click “Yes” button [alternative]	2. System displays “Delete Confirm” page 5. The system deletes the selected information [exception1]
Alternative Flow	<u>Actors action</u> [alternative] Actors click Cancel button	<u>System Response</u> System returns to previous page
Exceptions	<u>Actors action</u> [exception1] Actors provide invalid information	<u>System Response</u> 1. System displays error message

8. Search

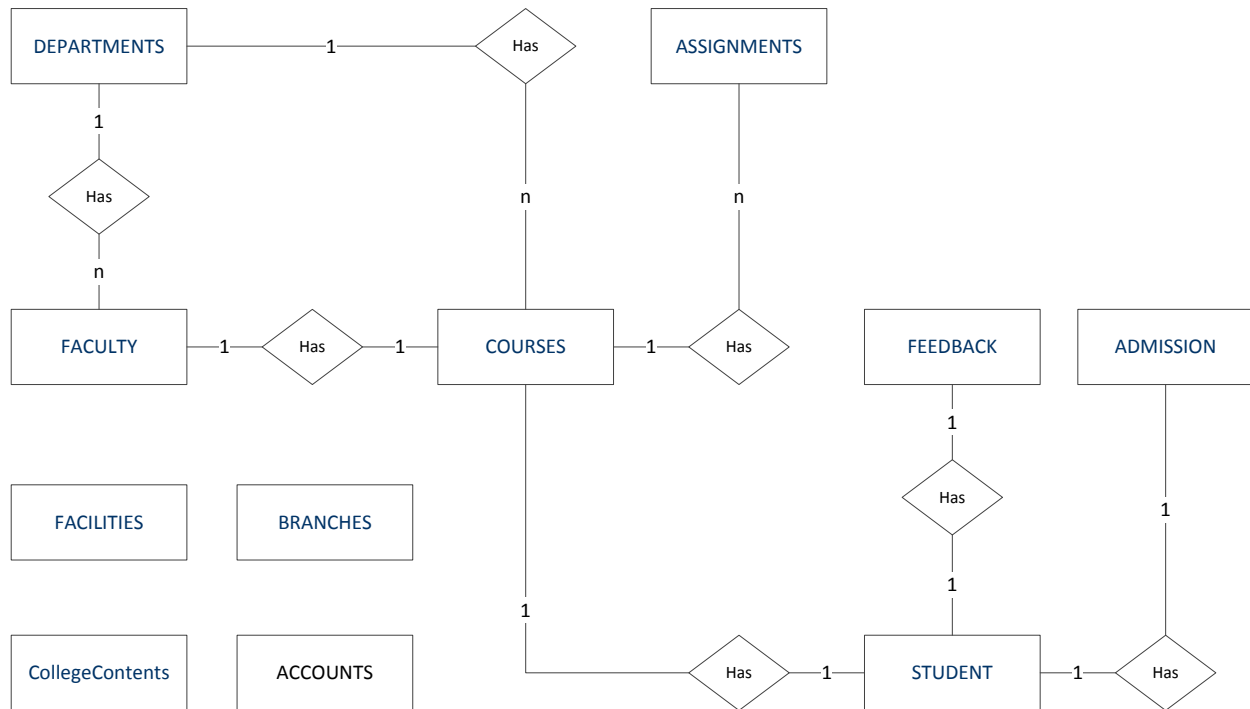


Use Case Name	Search	
Author	Tran Dung Tri	
Actors	Administrator, Staff, Student	
Description	Actors use this use case to information into system	
Requirements		
Pre-Conditions	Already logged in to the system	
Post-Condition	Success: Found information is displayed on the “Display” page Fail: Refill information	
Basic Flow	<u>Actors action</u> 1. Actors input search keyword	<u>System Response</u>

	into Keyword Text Field 2. Actors click on “Search” button	3. System validate keywords [exception1] 4. System display “Search Result” page
Alternative Flow		
Exceptions	<u>Actors action</u> [exception1] Actors provide invalid keywords	<u>System Response</u> 1. System display error message

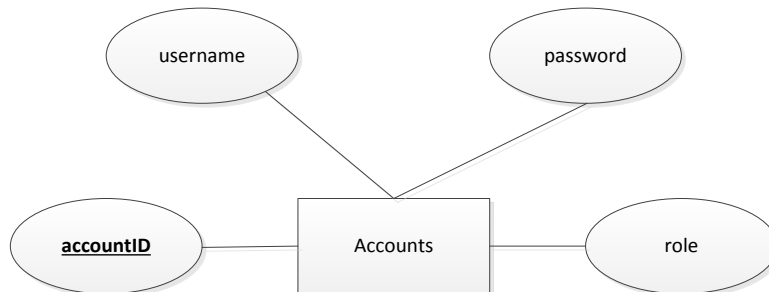
VI. Entity–Relationship Design

1. Entity–Relationship Diagram

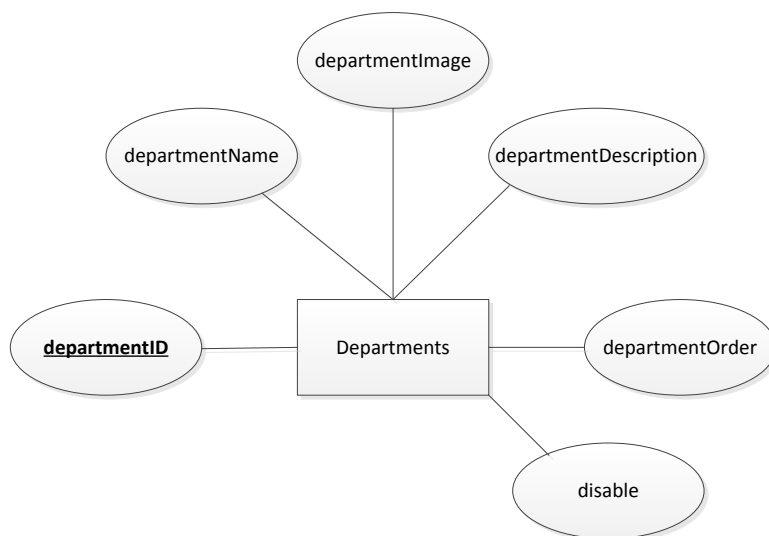


2. Entities and Properties

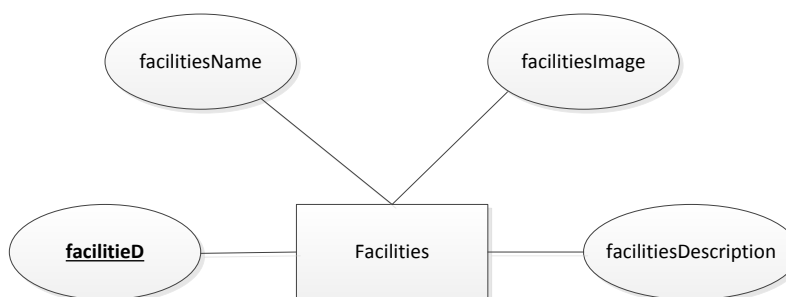
2.1. Accounts Entity & Properties



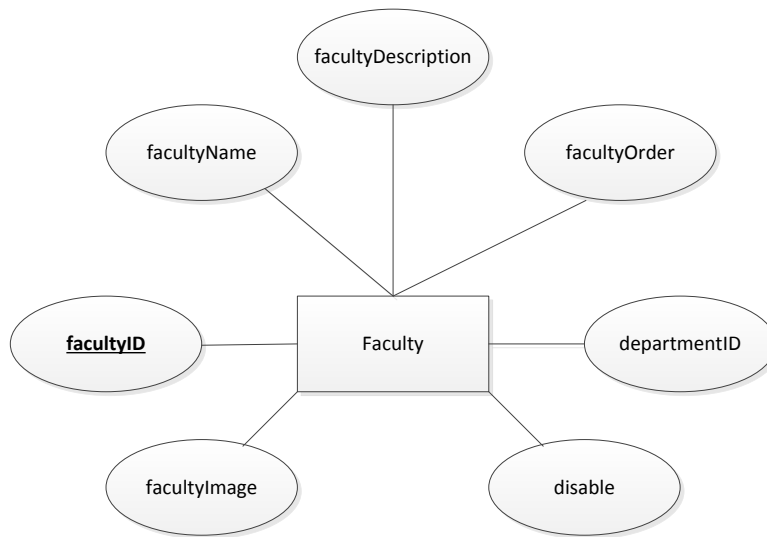
2.2. Department Entity & Properties



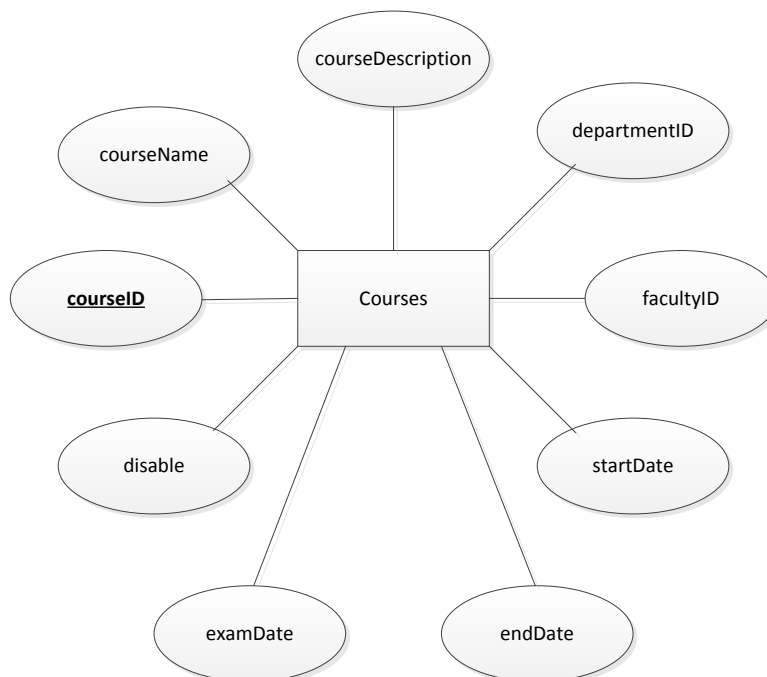
2.3. Facilities Entity & Properties



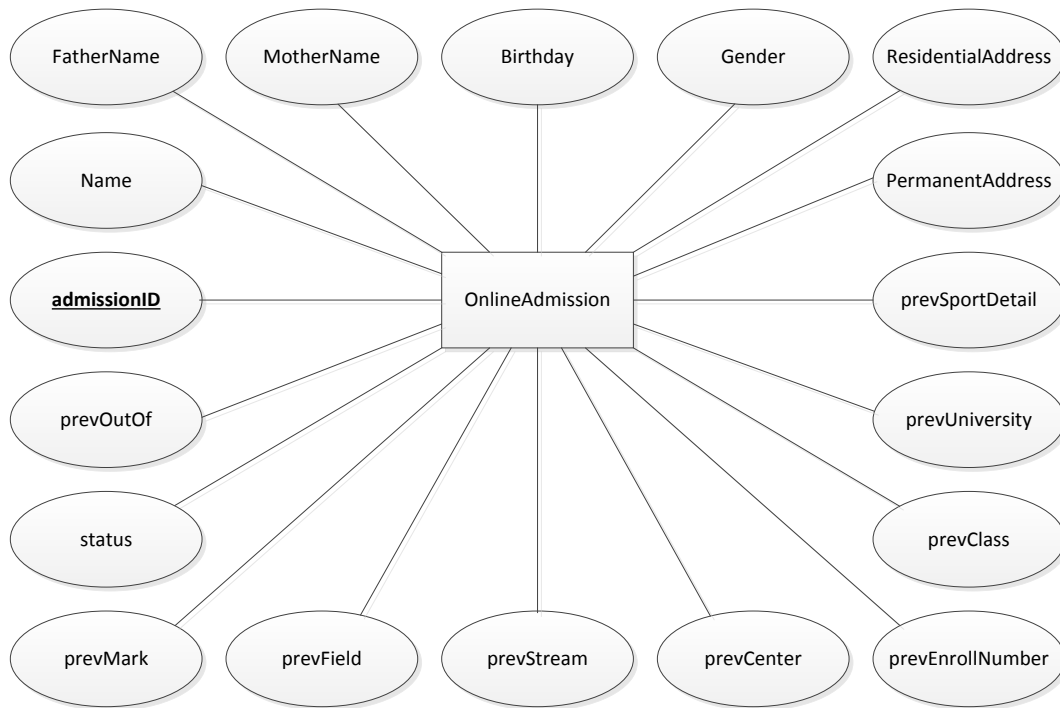
2.4. Faculty Entity & Properties



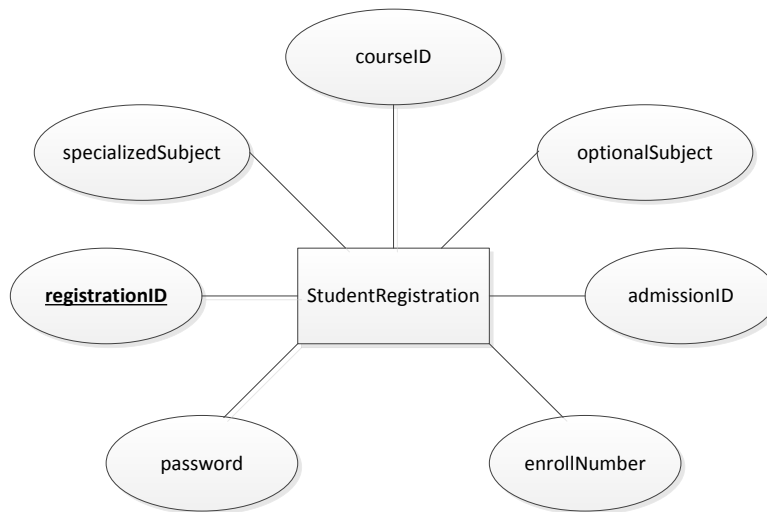
2.5. Courses Entity & Properties



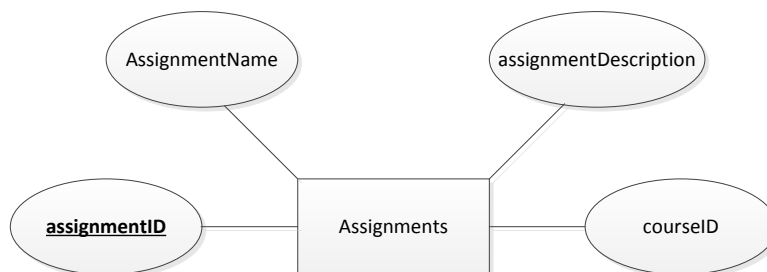
2.6. OnlineAdmission Entity & Properties



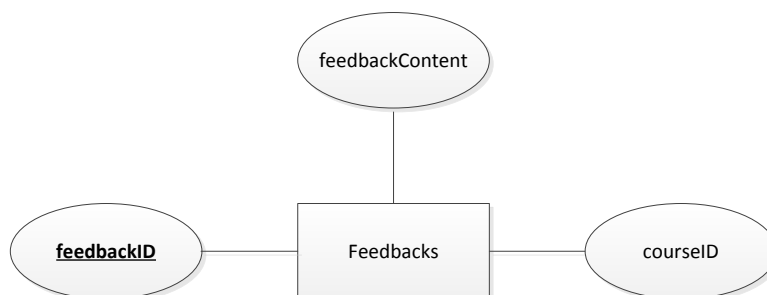
2.7. StudentRegistration Entity & Properties



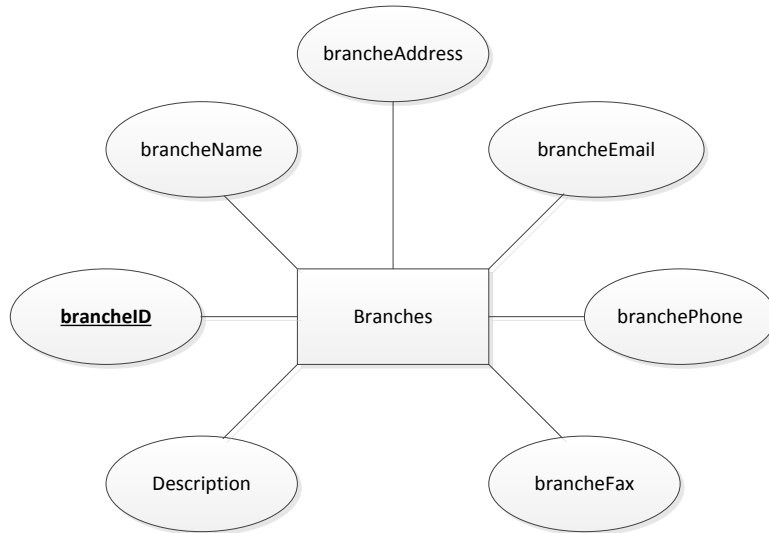
2.8. Assignments Entity & Properties



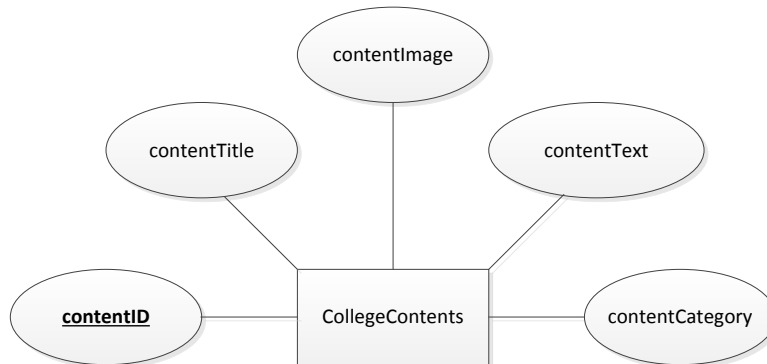
2.9. FeedBacks Entity & Properties



2.10. Branches Entity & Properties



2.11. CollegeContents Entity & Properties



VII. Task sheet review 2

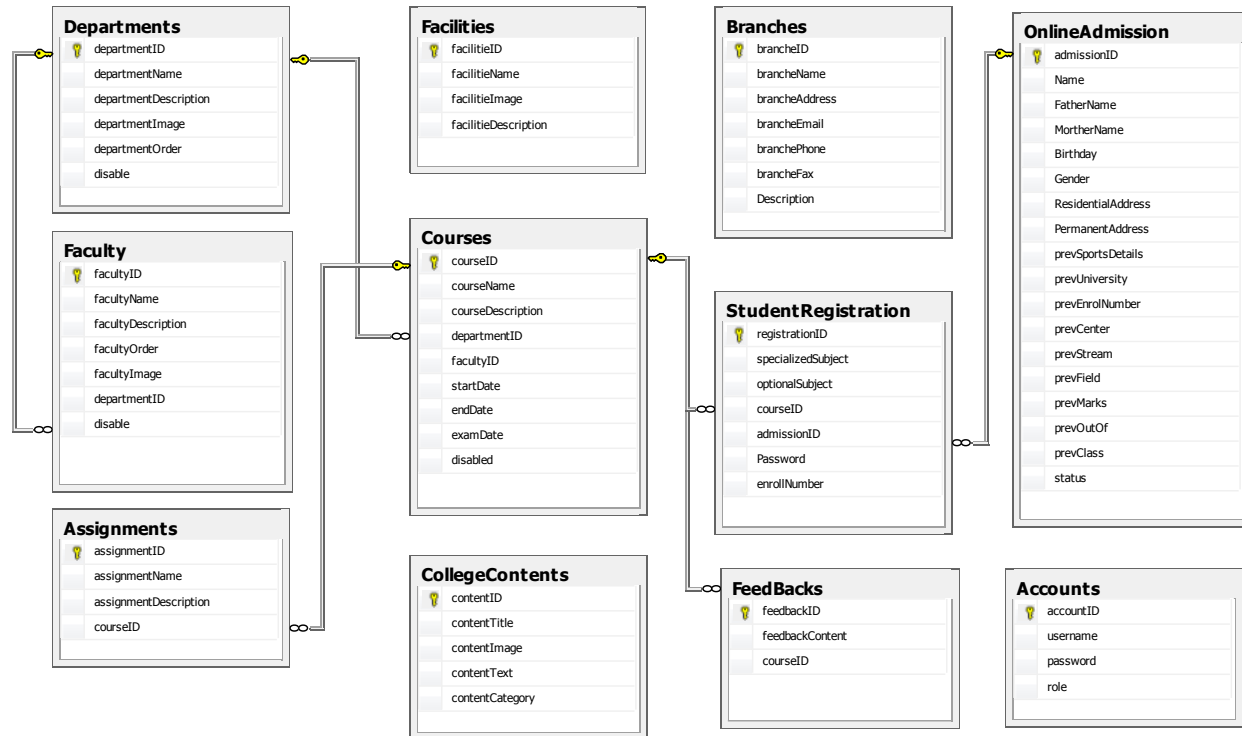
Project Ref. No: 2	Project Title: ITM College Management	Date of Preparation of Activity Plan			
No.	Task	Actual Start Date	Actual Days	Team Member Name	Status
01	Architecture & Design of the Project	May 04, 2013	6	Nguyen Vu Hung	Completed
02	Algorithms - Data Flowchart			Nguyen Vu Hung	Completed
03	Data Flow Diagram			Nguyen Vu Hung	Completed
04	Use Case Diagram			Le Ngoc Nhut	Completed
05	Sequence Diagram			Tran Dung Tri	Completed
06	ERD			Tran Van Hai	Completed

	Prepare By: Group	Approved By: Faculty
Date: May 04, 2013	Team Leader Nguyen Vu Hung	 Tran Phuoc Sinh

REVIEW III

I. Database Design

1. Database Relationship Diagram (DRD)



2. Database Structure

2.1. Table: Accounts

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
accountID	INT	No	IDENTITY(1,1)	PK		
username	VARCHAR(32)	No				
password	VARCHAR(32)	No				
role	VARCHAR(10)	No				Role for system: 1:admin 2:staff

2.2. Table: Departments

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
departmentID	INT	No	IDENTITY(1,1)	PK		
departmentName	VARCHAR(250)	No				
departmentDescription	VARCHAR(1000)	No				
departmentImage	VARCHAR (250)	No				
departmentOrder	INT	No	0			
disable	BIT	No	0			

2.3. Table: Faculty

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
facultyID	INT	No	IDENTITY(1,1)	PK		
facultyName	VARCHAR(250)	No				
facultyDescription	VARCHAR(1000)	No				
facultyOrder	INT	No	0			
facultyImage	VARCHAR(250)	No				
departmentID	INT	No		FK	Departments.departm entID	
disable	BIT	No	0			

2.4. Table: Courses

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
courseID	INT	No	IDENTITY(1,1)	PK		
courseName	VARCHAR(250)	No				
courseDescription	VARCHAR(1000)	No				
departmentID	INT	No		FK	Departments.departm entID	
facultyID	INT	No		FK	Faculty.facultyID	
startDate	VARCHAR(50)	No				
endDate	VARCHAR(50)	No				
examDate	VARCHAR(50)	No				
disabled	INT	No	0			

2.5. Table: OnlineAdmission

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
admissionID	INT	No	IDENTITY(1,1)	PK		
Name	VARCHAR(250)	No				
FatherName	VARCHAR(250)	No				
MortherName	VARCHAR(250)	No				
Birthday	VARCHAR(20)	No				
Gender	BIT	No	0			
ResidentialAddress	VARCHAR(250)	No				
PermanentAddress	VARCHAR(250)	No				
prevSportsDetails	VARCHAR(250)	No				
prevUniversity	VARCHAR(250)	No				
prevEnrolNumber	VARCHAR(250)	No				
prevCenter	VARCHAR(250)	No				
prevStream	VARCHAR(250)	No				
prevField	VARCHAR(250)	No				
prevMarks	VARCHAR(250)	No				

prevOutOf	VARCHAR(250)	No				
prevClass	VARCHAR(250)	No				
status	BIT	No	0			

2.6. Table: StudentRegistration

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
registrationID	INT	No	IDENTITY(1,1)	PK		
specializedSubject	INT	No		FK		
optionalSubject	INT	No		FK		
courseID	INT	No		FK	Coursrs.courseID	
admissionID	INT	No		FK	OnlineAdmission. admissionID	
Password	VARCHAR(30)	No	0			
enrollNumber	INT	No				

2.7. Assignments Entity & Properties

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
assignmentID	INT	No	IDENTITY(1,1)	PK		
assignmentName	VARCHAR(250)	No				
assignmentDescription	VARCHAR(1000)	No				
courseID	INT	No		FK	Courses.courseID	

2.8. FeedBacks Entity & Properties

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
feedbackID	INT	No	IDENTITY(1,1)	PK		
feedbackContent	VARCHAR(1000)	No				
courseID	INT	No		FK	Courses.courseID	

2.9. Branches Entity & Properties

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
brancheID	INT	No	IDENTITY(1,1)	PK		
brancheName	VARCHAR(50)	No				
brancheAddress	VARCHAR(250)	No				
brancheEmail	VARCHAR(150)	No				
branchePhone	VARCHAR(30)	No				
brancheFax	VARCHAR(30)	No				
Description	VARCHAR(1000)					

2.10. CollegeContents Entity & Properties

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
contentID	INT	No	IDENTITY(1,1)	PK		
contentTitle	VARCHAR(1000)	No				
contentImage	VARCHAR(250)	No				
contentText	VARCHAR(1000)	No				
contentCategory	VARCHAR(250)	No				

2.11. Facilities Entity & Properties

Field Name	Data Type	Null	Default	Key	Field-Ref	Description
facilitieID	INT	No	IDENTITY(1,1)	PK		
facilitieName	VARCHAR(1000)	No				
facilitieImage	VARCHAR(250)	No				
facilitieDescription	VARCHAR(1000)	No				

3. Database Constrains

3.1. Table: Accounts

Constraint:

- UNIQUE: username must be unique

Name	Add	Delete	Update
Accounts	+ (username)	-	+ (username)

3.2. Table: Departments

Constraint:

- UNIQUE: departmentName must be unique

Name	Add	Delete	Update
Departments	+ (departmentName)	-	+ (departmentName)

3.3. Table: Faculty

Constraint:

- UNIQUE: facultyName must be unique
- FOREIGN KEY: DepartmentID must exist

Name	Add	Delete	Update
Faculty	+ (facultyName) Departments.departmentID must exist	-	+ (facultyName) Departments.departmentID must exist

3.4. Table: Courses

Constraint:

- UNIQUE: courseName must be unique
- FOREIGN KEY: DepartmentID must exist

Name	Add	Delete	Update
Courses	+ (courseName) Departments.departmentID must exist	-	+ (courseName) Departments.departmentID must exist

3.5. Table: StudentRegistration

Constraint:

- FOREIGN KEY: courseID must exist
- FOREIGN KEY: admissionID must exist

Name	Add	Delete	Update
StudentRegistration	+ Courses.courseID and OnlineAdmission.admissionID must exist	-	+ Courses.courseID and OnlineAdmission.admissionID must exist

3.6. Table: Assignments

Constraint:

- UNIQUE: AssignmentsName must be unique
- FOREIGN KEY: courseID must exist

Name	Add	Delete	Update
Assignments	+ (AssignmentsName) Courses.courseID must exist	-	+ (AssignmentsName) Courses.courseID must exist

3.7. Table: FeedBacks

Constraint:

- FOREIGN KEY: courseID must exist

Name	Add	Delete	Update
FeedBacks	+ Courses.courseID must exist	-	+ Courses.courseID must exist

3.8. Table: Branches

Constraint:

- UNIQUE: branchName must be unique
- UNIQUE: branchEmail must be unique
- UNIQUE: branchAddress must be unique
- UNIQUE: branchPhone must be unique
- UNIQUE: branchFax must be unique

Name	Add	Delete	Update
Branches	+ (branchName, branchEmail, branchAddress, branchPhone, branchFax)	-	+ (branchName, branchEmail, branchAddress, branchPhone, branchFax)

3.9. Table: Facilities

Constraint:

- UNIQUE: facilitiesName must be unique

Name	Add	Delete	Update
Facilities	+ (facilitiesName)	-	+ (facilitiesName)

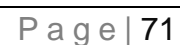
3.10. Table: CollegeContents

Constraint:

- UNIQUE: facilitiesName must be unique

Name	Add	Delete	Update
CollegeContents	+ (contentTitle)	-	+ (contentTitle)

1. Homepage




Student Login						
No.	Name	Type	Validation	Event	Description	Status
1	EnrollNumber	Textbox	Not null		EnrollNumber of Student	Enable
2	Password	Textbox (Mode Password)	Not null		Password of Student	Enable
3	Login	Button		Click	Process Login Request	Enable

2. Departments

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Computer Science and Engineering

ITM College has a wide network of centres offering IT courses for everyone- from a beginner who wants to learn computer basics to a software engineer who wishes to take a global certification exam..... [read more](#)

Chemical Engineering

Chemical Engineers have made important contributions to society over many years in terms of products and processes. A large number of industries depend on the synthesis and processing of chemicals and materials..... [read more](#)

Civil & Environmental Engineering

Starting in the 2004-2005 academic year, the Department of Civil and Environmental Engineering at ITM College began offering degree options in a new program called Atmosphere/Energy. This innovative program will bridge the gap between these two disciplines..... [read more](#)

Economics

The Ph.D. Program in the Department of Economics at ITM College is addressed to students of high promise who wish to prepare themselves in teaching and research in academia or for responsible positions in government, research organizations, or business enterprises... [read more](#)

Departments

- Computer Science and Engineering
- Chemical Engineering
- Civil & Environmental Engineering
- Economics

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EnrollNumber

Password


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3. Department Detail

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Computer Science and Engineering



The need for professionals with a background of Computer Science & Engineering is always on the rise. Those with problem solving skills are the ones in demand. Professionals with these skills are sure to land up with successful careers in the years to come. The Department of Computer Science and Engineering will thus cater to the above needs by providing with theoretical and practical knowledge and with a goal to equip the students face the vast world of technology.

The fundamental objective of the Department of Computer Science & Engineering of the Christ University is to provide the opportunity for our students to develop a firm foundation in mathematics, science, and design methodology applied to the disciplines of Computer Science & Engineering. Our course covers all fundamentals, working and expert subjects that provides enough learning environment where students understand and are able to apply the most contemporary and essential tools needed in the breadth and depth of computer science & engineering.

Departments

- Computer Science and Engineering
- Chemical Engineering
- Civil & Environmental Engineering
- Economics

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Administrator's Office and Workshop

ITM College has a wide network of centres offering IT courses for everyone- from a beginner who wants to learn computer basics to a software engineer who wishes to take a global certification exam..... [read more](#)

College Canteen

Chemical Engineers have made important contributions to society over many years in terms of products and processes. A large number of industries depend on the synthesis and processing of chemicals and materials..... [read more](#)

Fell Gymkhana

Starting in the 2004-2005 academic year, the Department of Civil and Environmental Engineering at ITM College began offering degree options in a new program called Atmosphere/Energy. This innovative program will bridge the gap between these two disciplines..... [read more](#)

College Library

The Ph.D. Program in the Department of Economics at ITM College is addressed to students of high promise who wish to prepare themselves in teaching and research in academia or for responsible positions in government, research organizations, or business enterprises... [read more](#)

Facilities

- Administrator's Office and Workshop
- College Canteen
- Fell Gymkhana
- College Library

Quick links

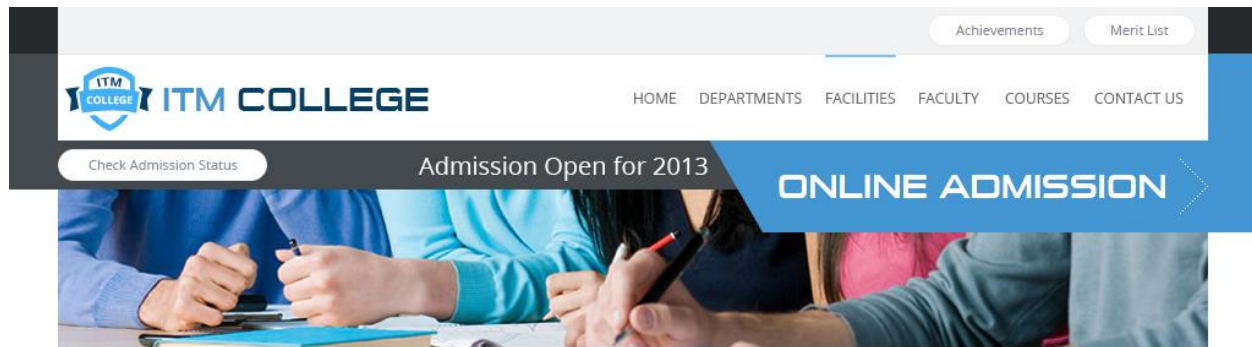
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5. Facility Detail



College Library



College Library offers materials on a wide range of topics to support discovery and learning, especially for those new to academic research. Emphasis is placed on current materials that will support and enrich class assignments and projects.

For more details, please refer to College Library's complete Collection Development Policy.

A wealth of material appropriate for College Library users is available online. The electronic resources of the entire university library system are available at College Library and are a key component of the collections.

In addition to resources to meet the academic needs of users, College Library includes a recreational collection including: recreational/self-help nonfiction, popular fiction novels, audio books, CDs, movies, video games and popular magazines.

Facilities

- Administrator's Office and Workshop
- College Canteen
- Fell Gymkhana
- College Library

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Dr. John Smith



Chemical Engineering Instructor

Lorem ipsum doloreiusmod tempor
dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)

Mrs. Nicole Bella



Chemical Engineering Instructor

Lorem ipsum doloreiusmod tempor
dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)


Mrs. Brown Louise



Chemical Engineering Instructor

Lorem ipsum doloreiusmod tempor
dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)


Mrs. Bmckechnie Shirley



Chemical Engineering Instructor

Lorem ipsum doloreiusmod tempor
dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)


Dr. John Smith



Chemical Engineering Instructor

Lorem ipsum doloreiusmod tempor
dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)

Mrs. Nicole Bella



Chemical Engineering Instructor

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dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)


Mrs. Brown Louise



Chemical Engineering Instructor

Lorem ipsum doloreiusmod tempor
dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)

Mrs. Bmckechnie Shirley



Chemical Engineering Instructor

Lorem ipsum doloreiusmod tempor
dolorei doloreiusmod tempor
usmod tempordolor... [read more](#)

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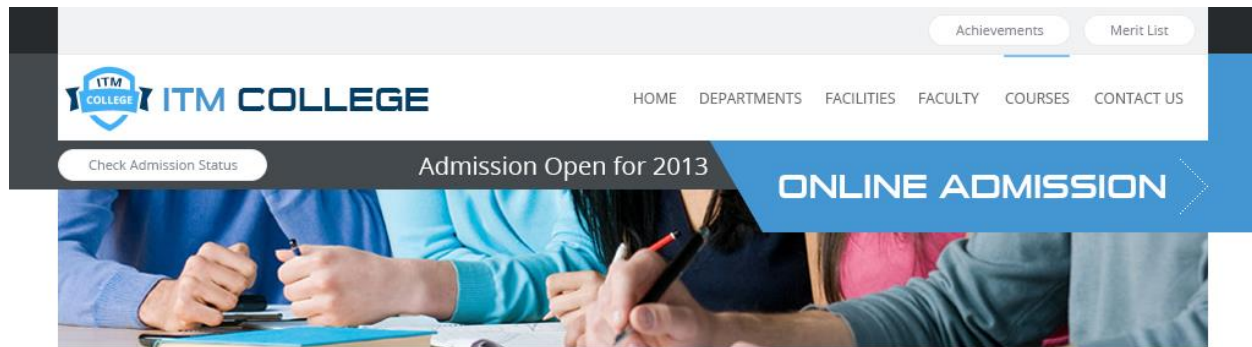
Enrollnumber

Password

Login

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7. Courses



Open courses

Course ID	Course Name	Teacher	Start Date	End Date
ECO001	Introductory Economics A	Gavin Wright	03 June 2013	07 June 2013
ECO002	Introductory Economics B	Gavin Wright	10 June 2013	21 June 2013
ECO003	Silicon Valley Meets Wall Street	Thomas Shanahan	10 June 2013	21 June 2013
ECO001	Introductory Economics A	Gavin Wright	03 June 2013	07 June 2013
ECO002	Introductory Economics B	Gavin Wright	10 June 2013	21 June 2013
ECO003	Silicon Valley Meets Wall Street	Thomas Shanahan	10 June 2013	21 June 2013
ECO001	Introductory Economics A	Gavin Wright	03 June 2013	07 June 2013
ECO002	Introductory Economics B	Gavin Wright	10 June 2013	21 June 2013
ECO003	Silicon Valley Meets Wall Street	Thomas Shanahan	10 June 2013	21 June 2013
ECO001	Introductory Economics A	Gavin Wright	03 June 2013	07 June 2013
ECO002	Introductory Economics B	Gavin Wright	10 June 2013	21 June 2013
ECO003	Silicon Valley Meets Wall Street	Thomas Shanahan	10 June 2013	21 June 2013

Search Course

Department ▼

Fill your keywords

Search

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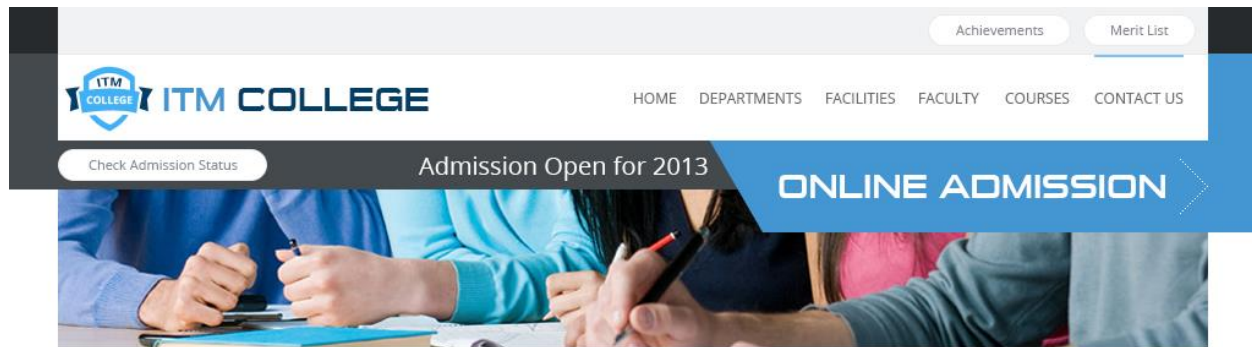
Student Login

Enrollnumber

Password

Login

8. Contact



Contact Us

Branche Name 1

Address: Suraj Plaza, No. 2
8th Floor, Sayajigunj
Baroda - 399 005
India
Phone +91-265-2225644
Fax +91-265-2361493
Email bn01@itmcollege.com
Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua

Branche Name 2

Address: #6, 6th Floor
C-Wing, Mittal Towers, M. G. Road
Bangalore - 560 001
India
Phone +91-80-40828000
Fax +91-80-41239767
Email bn02@itmcollege.com
Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua

Branche Name 3

Address: #6, 6th Floor
C-Wing, Mittal Towers, M. G. Road
Bangalore - 560 001
India
Phone +91-80-40828000
Fax +91-80-41239767
Email bn03@itmcollege.com
Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua

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9. Online Admission Form

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Check Admission Status

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ONLINE ADMISSION



Online Admission

Your name	<input type="text"/>	Previous Exam	
Father name	<input type="text"/>	University	<input type="text"/>
Mother name	<input type="text"/>	Enrollment number	<input type="text"/>
Date of Birth	<input type="text"/>	Center	<input type="text"/>
Residential Address	<input type="text"/>	Stream	<input type="text"/>
Permanent Address	<input type="text"/>	Field	<input type="text"/>
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female	Marks secured	<input type="text"/>
Sport detail	<input type="text"/>	Out of	<input type="text"/>
Admission for	<input type="text"/>	Class Obtained	<input type="text"/>

SubmitCancel

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Online Admission						
No.	Name	Type	Validation	Event	Description	Status
1	txtName	Textbox	not null		Registered admission name	Enable
2	txtFatherName	Textbox	not null		Registered admission Father name	Enable
3	txtMothername	Textbox	not null		Registered admission mother name	Enable
4	txtBirthday	Textbox	not null		Registered admission birthday	Enable
5	radGender	Textbox	not null		Registered admission gender	Enable
6	txtResidentialAddress	Textbox	not null		Registered admission Residential address	Enable
7	txtPermanentAddress	Textbox	not null		Registered admission Permanent Address	Enable
8	txtSportDetail	Textbox			Registered admission Sport	Enable
9	txtUniversity	Textbox			Registered admission previous University	Enable
10	txtClass	Textbox			Registered admission previous class	Enable
11	txtEnrolNumber	Textbox			Registered admission previous Enrol Number	Enable
12	txtCenter	Textbox			Registered admission previous center	Enable
13	txtStream	Textbox			Registered admission previous stream	Enable
14	txtField	Textbox			Registered admission previous field	Enable
15	txtMarkSecured	Textbox			Registered admission previous mark secured	Enable
16	txtOutOf	Textbox			Registered admission previous Out of	Enable
17	txtClassObtained	Textbox			Registered admission previous Class obtained	Enable
18	ButtonSubmit	Button		Click	Process Online Admission	Enable
19	ButtonCancel	Button		Click	Return previous page	Enable

10. Check Admission Status

ITM COLLEGE

HOME DEPARTMENTS FACILITIES FACULTY COURSES CONTACT US

Check Admission Status

Admission Open for 2013

ONLINE ADMISSION

Online Admission Status

Enter your provided UniqueID into this field below to check your Online Registration status.

Your UniqueID

Quick links

- Home
- Departments
- Facilities
- Faculty
- Courses
- Contact Us

Student Login

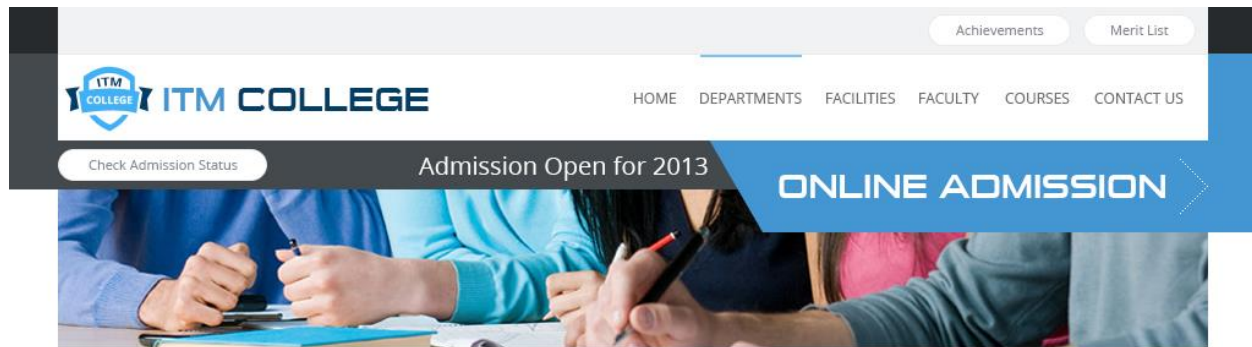
Enrollmentnumber

Password

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Check Admission Status						
No.	Name	Type	Validation	Event	Description	Status
1	txtUniqueID	Textbox	not null		Unique ID provided for student after Registered Online Admission	Enable
3	ButtonSubmit	Button		Click	Process check Admission Status	Enable
4	ButtonCancel	Button		Click	Return to previous page	Enable

11. Student Registration



Student Registration

Your UniqueID : ITMOA001
Admission Status : Accepted

Available courses

Select Course for Registration

Select Department ▼

Course ID	Course Name	Teacher	Start Date	End Date	
ECO001	Introductory Economics A	Gavin Wright	03 June 2013	07 June 2013	Register
ECO002	Introductory Economics B	Gavin Wright	10 June 2013	21 June 2013	Register

Quick links

- Home
- Departments
- Facilities
- Faculty
- Courses
- Contact Us

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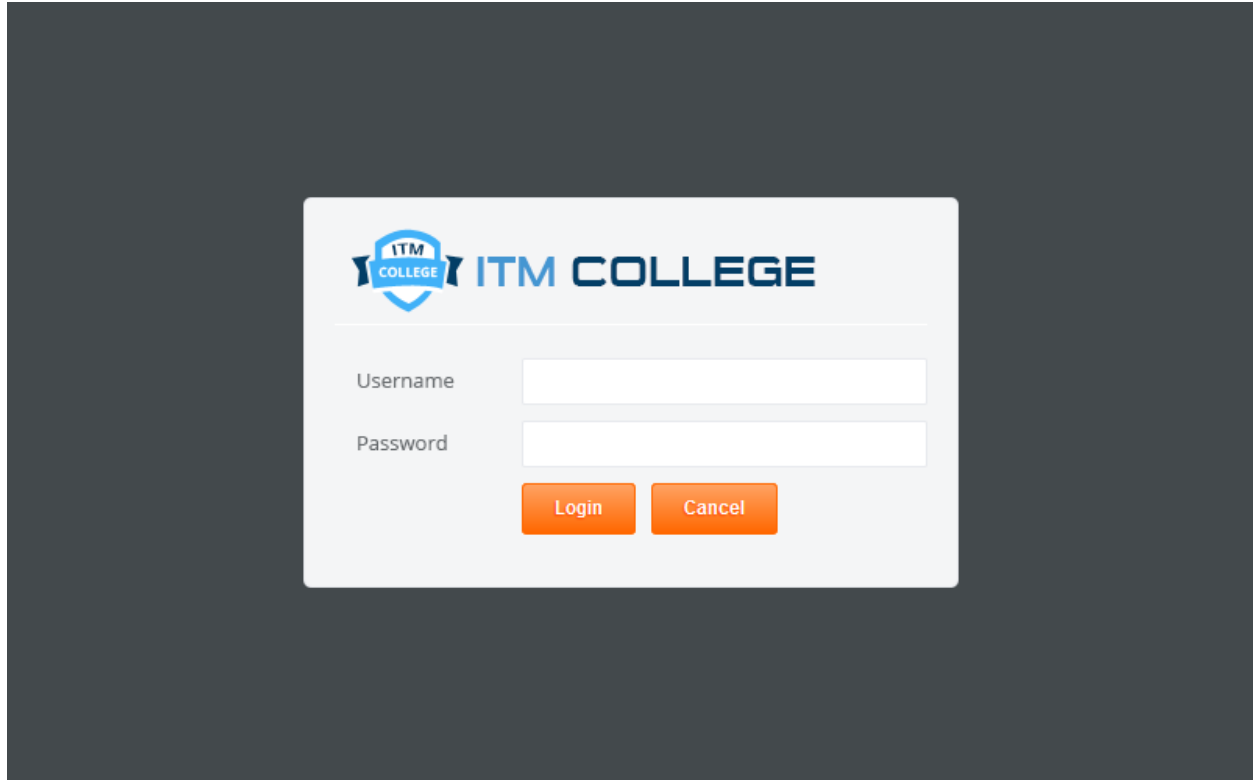
Student Login

Login

Student Registration						
No.	Name	Type	Validation	Event	Description	Status
1	listDepartment	Dropdown List			Department list of College	Enable
2	linkRegister	Hyperlink		Click	Link to Register Selected Couse	Enable


III. GUI Design – Back-End

1. Login Form



Administrator & Staff Login						
No.	Name	Type	Validation	Event	Description	Status
1	txtUsername	Textbox	Not null		Username of Student	Enable
2	txtPassword	Textbox (Mode Password)	Not null		Password of Student	Enable
3	ButtonLogin	Button		Click	Process Login Request	Enable
4	ButtonCancel	Button		Click	Return to previous page	Enable

2. Administrator Dashboard



ITM COLLEGE

NAVIGATION
 Dashboard
 Departments
 Facilities
 Faculty
 Online Admission
 Accounts Manager

Dashboard

[Change Password](#)
[Logout](#)


New Admission

ID	Name	Birthday	Address	Status		
999	John Smith	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete
998	John Doe	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete
997	John Smith	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete
996	John Doe	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete

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Administrator Dashboard						
No.	Name	Type	Validation	Event	Description	Status
1	linkChangePassword	Hyperlink		Click	Link to Change Password page	Enable
2	linkLogout	Hyperlink		Click	Logout Administrator	Enable
3	linkUpdate	Hyperlink		Click	Link to Update Admission page	Enable
4	linkDelete	Hyperlink		Click	Link to Delete Admission page	Enable

3. Administrator – Departments



ITM COLLEGE

NAVIGATION
 Dashboard
Departments
 Facilities
 Faculty
 Online Admission
 Accounts Manager

Departments

Change Password

Logout

New Department

ID	Department Name	Description	Order		
9	Computer Science and Engineering	ITM College has a wide network of centres offering ...	1	Update	Delete
8	Chemical Engineering	Chemical Engineers have made important contributions...	2	Update	Delete
7	Civil & Environmental Engineering	Starting in the 2004-2005 academic year, the Department of...	3	Update	Delete
6	Economics	The Ph.D. Program in the Department of Economics ...	4	Update	Delete

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Administrator Departments						
No.	Name	Type	Validation	Event	Description	Status
1	linkNewDepartment	Hyperlink		Click	Link to Create New Department page	Enable
3	linkUpdate	Hyperlink		Click	Link to Update Department page	Enable
4	linkDelete	Hyperlink		Click	Link to Delete Department page	Enable

4. Administrator – Departments – Create New / Edit

ITM COLLEGE

NAVIGATION

- Dashboard
- Departments
- Facilities
- Faculty
- Online Admission
- Accounts Manager

Departments

Change Password Logout

New Department

Department Name

Department Image

Department Order

Description

File Edit Insert View Format Table Tools

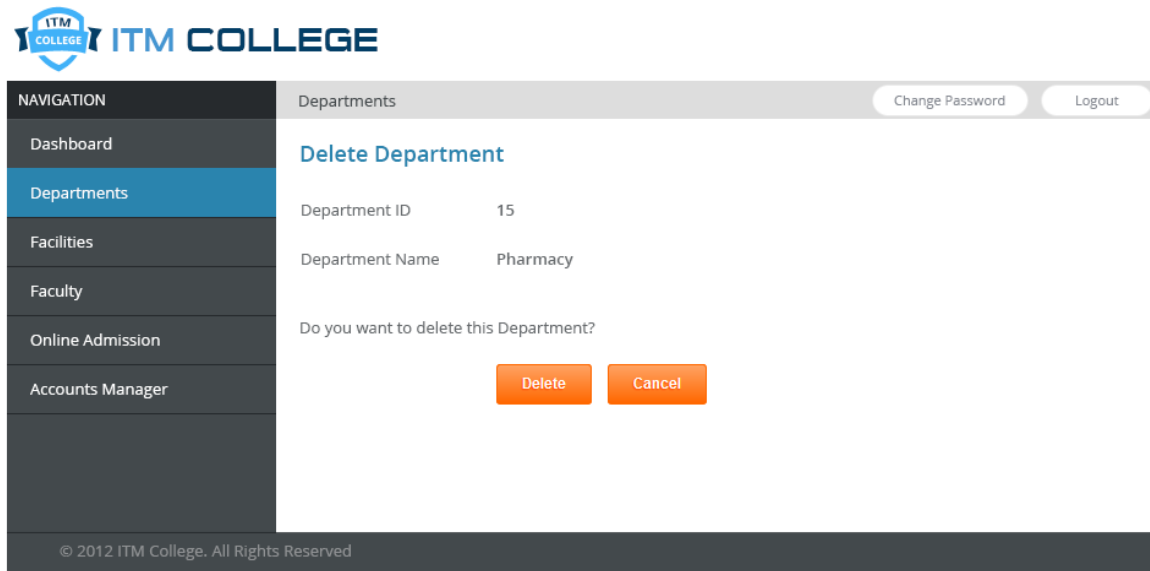
Formats B I

Submit Cancel

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Create / Edit Department						
No.	Name	Type	Validation	Event	Description	Status
1	txtDepartmentName	Text Box	Not Null Length: 250		Name of Department	Enable
3	txtDepartmentImage	Text Box	Length: 250		Image of Department	Enable
4	txtOrder	Text Box			Display order of Department	Enable
5	txtDescription	Text Box			Description of Department	Enable
6	ButtonSubmit	Button		Click	Process Create/Edit	Enable
7	ButtonCancel	Button		Click	Return previous page	Enable

5. Administrator – Departments – Delete




The screenshot shows the ITM College Management System interface. On the left is a navigation menu with options: NAVIGATION, Dashboard, Departments (highlighted), Facilities, Faculty, Online Admission, and Accounts Manager. The main content area is titled 'Delete Department' and displays the following information:

- Department ID: 15
- Department Name: Pharmacy
- Confirmation message: Do you want to delete this Department?
- Two orange buttons: Delete and Cancel.

At the bottom of the interface, there is a footer: © 2012 ITM College. All Rights Reserved.

Delete Department						
No.	Name	Type	Validation	Event	Description	Status
1	lblDepartmentID	Label			ID of Department	Enable
3	lblDepartmentName	Label			Name of Department	Enable
6	ButtonDelete	Button		Click	Process Delete Department	Enable
7	ButtonCancel	Button		Click	Return previous page	Enable

6. Administrator – Facilities



ITM COLLEGE

NAVIGATION

Dashboard

Departments

Facilities

Faculty

Online Admission

Accounts Manager

Facilities

Change Password

Logout

New Facilities

ID	Facility Name	Description		
9	Administrator's Office and Workshop	Lorem ipsum dolor sit amet, consectetur adipisicing elit...	Update	Delete
8	College Canteen	sed do eiusmod tempor incididunt ut labore et dolore magna aliqua...	Update	Delete
7	Fell Gymkhana	Ut enim ad minim veniam, quis nostrud...	Update	Delete
6	College Library	exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat...	Update	Delete

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Administrator Facilities						
No.	Name	Type	Validation	Event	Description	Status
1	linkNewFacilities	Hyperlink		Click	Link to Create New Facility page	Enable
3	linkUpdate	Hyperlink		Click	Link to Update Facility page	Enable
4	linkDelete	Hyperlink		Click	Link to Delete Facility page	Enable

7. Administrator – Facilities – Form Add/Edit

ITM COLLEGE

NAVIGATION: Dashboard, Departments, **Facilities**, Faculty, Online Admission, Accounts Manager

Facilities | Change Password | Logout

New Facility

Facility Name:

Facility Image:

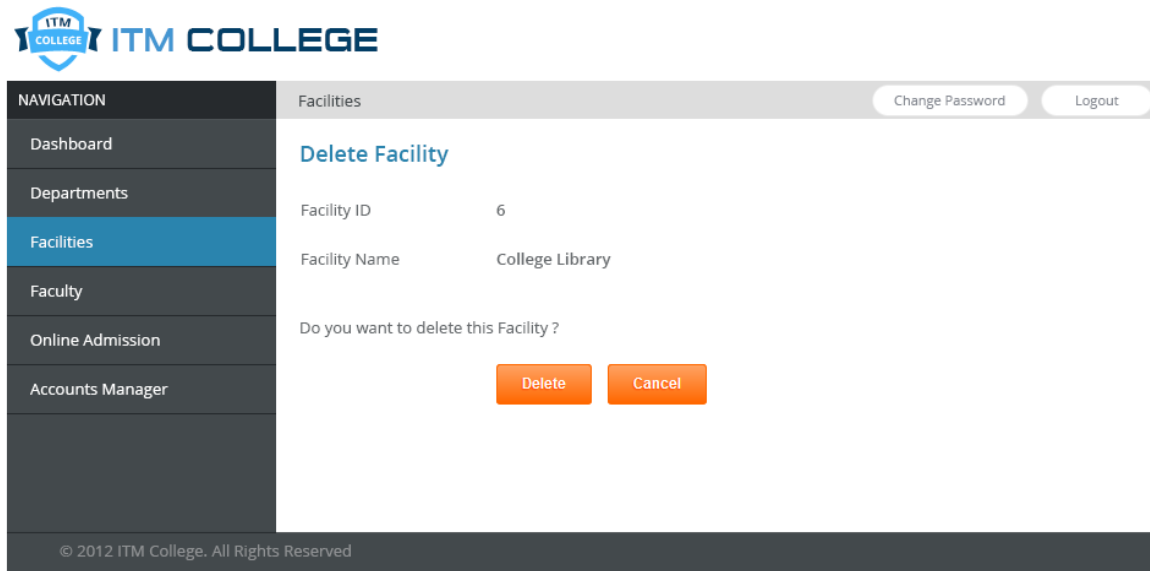
Description:

File Edit Insert View Format Table Tools
Formats B I [List Icons]
[Rich Text Editor Area]
p

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Add / Edit Facility						
No.	Name	Type	Validation	Event	Description	Status
1	txtFacilityName	Text Box	Not Null Length: 250		Name of Facility	Enable
2	txtFacilityImage	Text Box	Length: 250		Image of Facility	Enable
3	txtDescription	Text Box			Description of Facility	Enable
4	ButtonSubmit	Button		Click	Process Add/Edit Facility	Enable
5	ButtonCancel	Button		Click	Return previous page	Enable

8. Administrator – Facilities – Delete



ITM COLLEGE

NAVIGATION: Dashboard, Departments, **Facilities**, Faculty, Online Admission, Accounts Manager

Facilities

Change Password Logout

Delete Facility

Facility ID: 6

Facility Name: College Library


Do you want to delete this Facility ?

Delete Cancel

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Delete Facility						
No.	Name	Type	Validation	Event	Description	Status
1	lblFacilityID	Label			ID of Facility	Enable
3	lblFacilityName	Label			Name of Facility	Enable
6	ButtonDelete	Button		Click	Process Delete Facility	Enable
7	ButtonCancel	Button		Click	Return previous page	Enable

9. Administrator – Faculty


ITM COLLEGE

NAVIGATION
[Dashboard](#)
[Departments](#)
[Facilities](#)
[Faculty](#)
[Online Admission](#)
[Accounts Manager](#)

Facilities

[Change Password](#)
[Logout](#)

[New Faculty](#)

ID	Faculty Name	Department		
9	Dr. John Smith	Chemical Engineering Instructor	Update	Delete
8	Mrs. Nicole Bella	Chemical Engineering Instructor	Update	Delete
7	Mrs. Brown Louise	Ut enim ad minim veniam, quis nostrud...	Update	Delete
6	Mrs. Bmckechnie Shirley	Chemical Engineering Instructor	Update	Delete

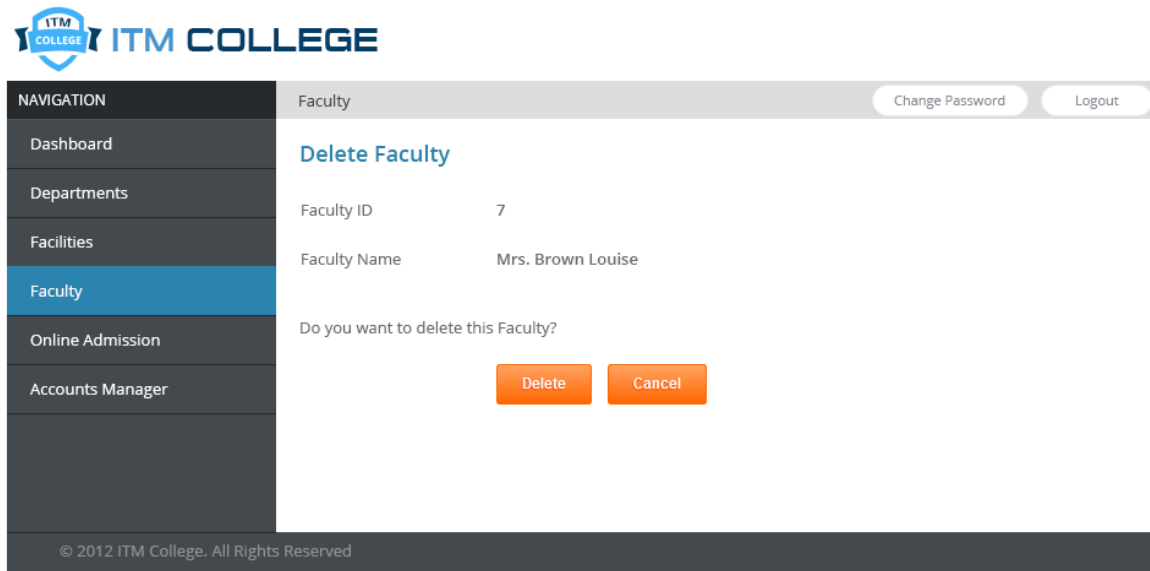
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Administrator Faculty						
No.	Name	Type	Validation	Event	Description	Status
1	linkNewFaculty	Hyperlink		Click	Link to Create New Faculty page	Enable
3	linkUpdate	Hyperlink		Click	Link to Update Faculty page	Enable
4	linkDelete	Hyperlink		Click	Link to Delete Faculty page	Enable

10. Administrator – Faculty – Add/Edit Form

Add / Edit Faculty						
No.	Name	Type	Validation	Event	Description	Status
1	txtFacultyName	Text Box	Not Null Length: 250		Name of Faculty	Enable
2	txtFacultyImage	Text Box	Length: 250		Image of Faculty	Enable
3	txtDepartment	Dropdown List			Department of Faculty	Enable
4	txtOrder	Text Box			Display order of Faculty	Enable
5	txtDescription	Text Box			Description of Faculty	Enable
6	ButtonSubmit	Button		Click	Process Add/Edit Faculty	Enable
7	ButtonCancel	Button		Click	Return previous page	Enable

11. Administrator – Faculty – Delete




The screenshot shows the ITM College Management System interface. On the left is a navigation sidebar with options: NAVIGATION, Dashboard, Departments, Facilities, Faculty (highlighted), Online Admission, and Accounts Manager. The main content area is titled 'Delete Faculty' and displays the following information:

- Faculty ID: 7
- Faculty Name: Mrs. Brown Louise
- Confirmation message: Do you want to delete this Faculty?
- Buttons: Delete (orange) and Cancel (orange)

At the bottom of the page, there is a footer: © 2012 ITM College. All Rights Reserved.

Delete Faculty						
No.	Name	Type	Validation	Event	Description	Status
1	lblFacultyID	Label			ID of Faculty	Enable
2	lblFacultyName	Label			Name of Faculty	Enable
3	ButtonDelete	Button		Click	Process Delete Faculty	Enable
4	ButtonCancel	Button		Click	Return previous page	Enable

12. Administrator – Online Admission


ITM COLLEGE

NAVIGATION
 Dashboard
 Departments
 Facilities
 Faculty
Online Admission
 Accounts Manager


Online Admission
Change Password
Logout

ID	Name	Birthday	Address	Status		
999	John Smith	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete
998	John Doe	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete
997	John Smith	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete
996	John Doe	15/05/1984	Suraj Plaza, No. 2, 8th Floor, Sayajigunj	Waiting	Update	Delete

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Online Admission						
No.	Name	Type	Validation	Event	Description	Status
1	linkUpdate	Hyperlink			Link to Update Admission Page	Enable
2	linkDelete	Hyperlink		Click	Link to Delete Admission Page	Enable

13. Administrator – Online Admission – Update

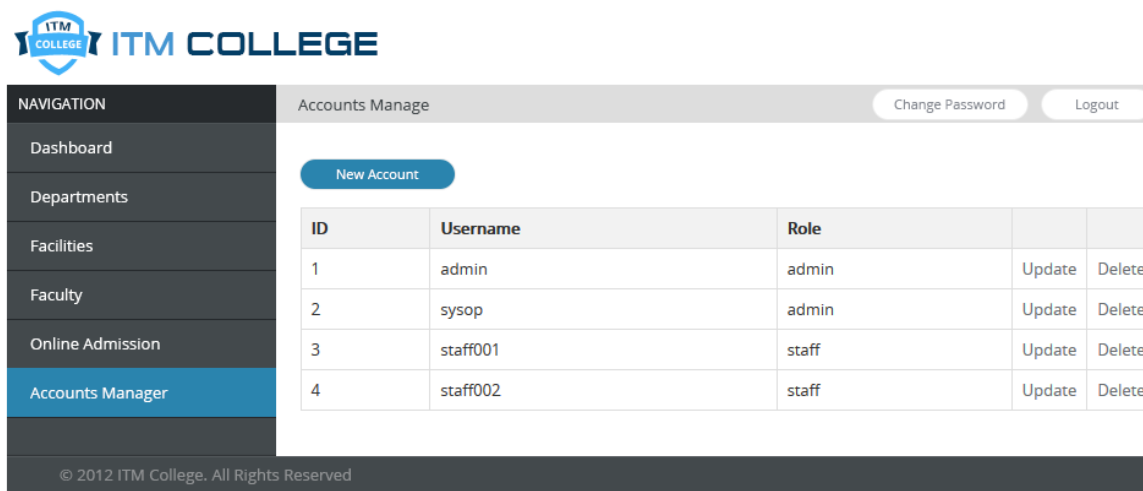
 **ITM COLLEGE**

NAVIGATION	Online Admission	Change Password	Logout
Dashboard	Update Online Admission		
Departments	Admision ID	999	
Facilities	Name	John Smith	
Faculty	Father name	Peter Smith	
Online Admission	Mother name	Asley Smith	
Accounts Manager	Birthday	15/05/1984	
	Gender	Male	
	Residental Address	1600 Pennsylvania Ave NW, Washington, DC 20500	
	Pernament Address	1400 Pentagon Pedestrian Tunnel, Washington, DC 20301	
	Sport detail	Football, Voley Ball	
	Previous Examination		
	University	The University of Texas	
	Class	Graduate Education	
	Enroll Number	student636555	
	Center	Austin	
	Stream	Aerospace Engineering	
	Field	Military fighter jets	
	Mark secured	NaN	
	Out of	Excellent	
	Class Obtained	NaN	
	Registration Status	Waiting	
	Click "Accept Admission" button below to accept this Admission or Click Cancel button to return previous page		
	Accept Admission	Cancel	

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Online Admission						
No.	Name	Type	Validation	Event	Description	Status
1	lblAdmissionID	Label			ID of Admission	Enable
2	lblName	Label			Registered admission name	Enable
3	lblFatherName	Label			Registered admission Father name	Enable
4	lblMotherName	Label			Registered admission mother name	Enable
5	lblBirthday	Label			Registered admission birthday	Enable
6	lblGender	Label			Registered admission gender	Enable
7	lblResidentialAddress	Label			Registered admission Residential address	Enable
8	lblPermanentAddress	Label			Registered admission Permanent Address	Enable
9	lblSportDetail	Label			Registered admission Sport	Enable
10	lblUniversity	Label			Registered admission previous University	Enable
11	lblClass	Label			Registered admission previous class	Enable
12	lblEnrolNumber	Label			Registered admission previous Enrol Number	Enable
13	lblCenter	Label			Registered admission previous center	Enable
14	lblStream	Label			Registered admission previous stream	Enable
15	lblField	Label			Registered admission previous field	Enable
16	lblMarkSecured	Label			Registered admission previous mark secured	Enable
17	lblOutOf	Label			Registered admission previous Out of	Enable
18	lblClassObtained	label			Registered admission previous Class obtained	Enable
19	lblRegistrationStatus	Label			Status of Admission	Enable
20	ButtonAccep Admission	Button		Click	Process Accept Admission	Enable
21	ButtonCancel	Button		Click	Return previous page	Enable

14. Administrator – Accounts



ITM COLLEGE

NAVIGATION: Accounts Manage Change Password Logout

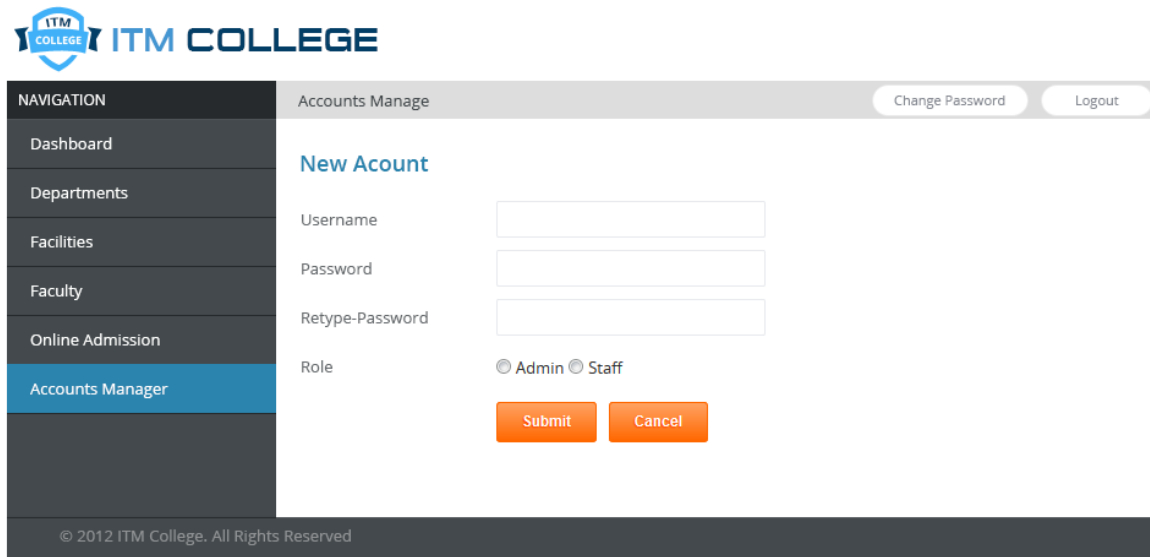
[New Account](#)

ID	Username	Role		
1	admin	admin	Update	Delete
2	sysop	admin	Update	Delete
3	staff001	staff	Update	Delete
4	staff002	staff	Update	Delete

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Administrator – Accounts						
No.	Name	Type	Validation	Event	Description	Status
1	linkUpdate	Hyperlink		Click	Link to Update Admission Page	Enable
2	linkDelete	Hyperlink		Click	Link to Delete Admission Page	Enable
3	linkNewAccount	Hyperlink		Click	Link to New Account Page	Enable

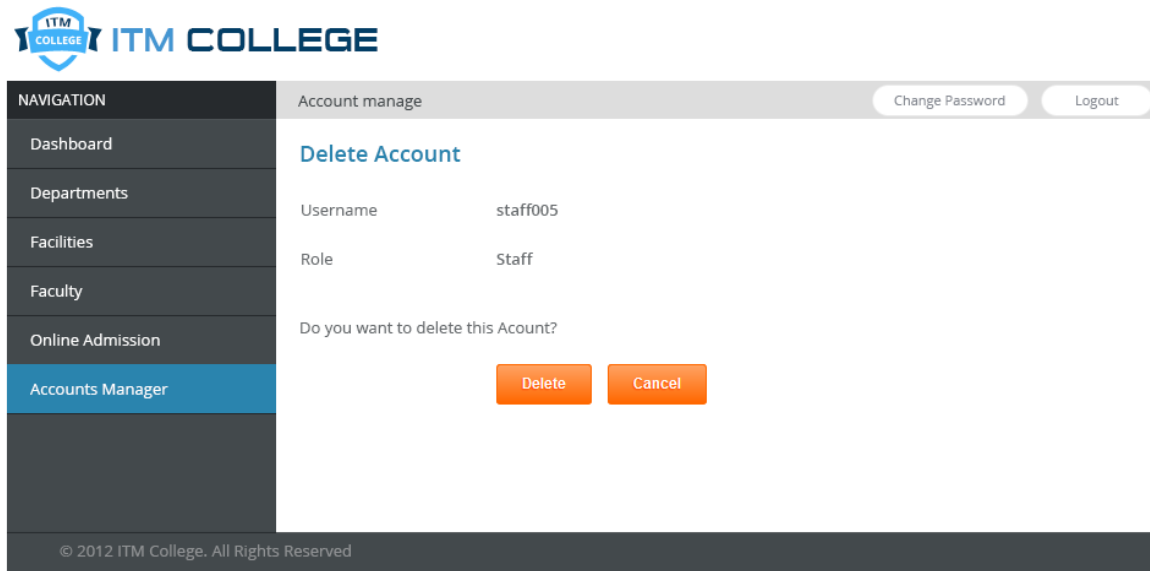
15. Administrator – Account – Add/Edit Form



The screenshot shows the ITM College Accounts Manager interface. On the left is a navigation menu with options: Dashboard, Departments, Facilities, Faculty, Online Admission, and Accounts Manager (highlighted). The main content area is titled 'Accounts Manage' and includes a 'Change Password' button and a 'Logout' button. Below this is the 'New Account' form, which contains input fields for Username, Password, and Retype-Password, and a 'Role' section with radio buttons for 'Admin' (selected) and 'Staff'. At the bottom of the form are 'Submit' and 'Cancel' buttons. A footer bar at the bottom states '© 2012 ITM College. All Rights Reserved'.

Administrator – Accounts – Add/Edit Form						
No.	Name	Type	Validation	Event	Description	Status
1	txtUsername	Textbox	not null		Username of new account	Enable
2	txtPassword	Textbox (Password)	not null		Password of new account	Enable
3	txtRetype-Password	Textbox (Password)	not null equal Password		Confirm password of new account	Enable
4	radAdmin	Radio	checked	click	Role of new account	Enable
5	radStaff	Radio	checked	click	Role of new account	Enable
6	ButtonSubmit	Button		Click	Process create/edit account	Enable
7	ButtonCancel	Button		Click	Return previous page	Enable


16. Administrator – Account - Delete



The screenshot shows the ITM College web application interface. On the left is a navigation menu with options: NAVIGATION, Dashboard, Departments, Facilities, Faculty, Online Admission, and Accounts Manager (highlighted in blue). The main content area is titled 'Delete Account' and displays the account details for 'staff005' with the role 'Staff'. Below the details is a confirmation message: 'Do you want to delete this Account?'. At the bottom of the main area are two orange buttons: 'Delete' and 'Cancel'. The top right of the interface has links for 'Change Password' and 'Logout'. The footer contains the copyright notice: '© 2012 ITM College. All Rights Reserved'.

Delete Account						
No.	Name	Type	Validation	Event	Description	Status
1	lblUsername	Label			Username of Account	Enable
2	lblRole	Label			Role of Account	Enable
3	ButtonDelete	Button		Click	Process Delete Account	Enable
4	ButtonCancel	Button		Click	Return previous page	Enable

17. Administrator – Branches


ITM COLLEGE

NAVIGATION
 Dashboard
 Departments
 Facilities
 Faculty
 Online Admission
 Accounts Manage
Branches Manage

Dashboard

[Change Password](#)
[Logout](#)


New Branche

ID	Branch	Address		
1	Branche Name 1	Suraj Plaza, No.2, 8th Floor, Sayajigunj, Baroda - 399 005, India	Update	Delete
2	Branche Name 2	Suraj Plaza, No.2, 8th Floor, Sayajigunj, Baroda - 399 005, India	Update	Delete
3	Branche Name 3	Suraj Plaza, No.2, 8th Floor, Sayajigunj, Baroda - 399 005, India	Update	Delete
4	Branche Name 4	Suraj Plaza, No.2, 8th Floor, Sayajigunj, Baroda - 399 005, India	Update	Delete

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Administrator – Branches						
No.	Name	Type	Validation	Event	Description	Status
1	linkUpdate	Hyperlink		Click	Link to Update Branches Page	Enable
2	linkDelete	Hyperlink		Click	Link to Delete Branches Page	Enable
3	linkNewBranches	Hyperlink		Click	Link to New Branches Page	Enable

18.Administrator – Branches – Add/Edit


ITM COLLEGE

NAVIGATION
Dashboard
Departments
Facilities
Faculty
Online Admission
Accounts Manage
Branches Manage

Branches

Change Password Logout

New Branche

Branch Name
Branch Name

Branch Phone
Branch Phone

Branch Fax
Branch Fax

Branch Email
Branch Email

Branch Address

File Edit Insert View Format Table Tools

Undo Redo
Formats
Bold Italic
List Bulleted List Numbered List
Link Image

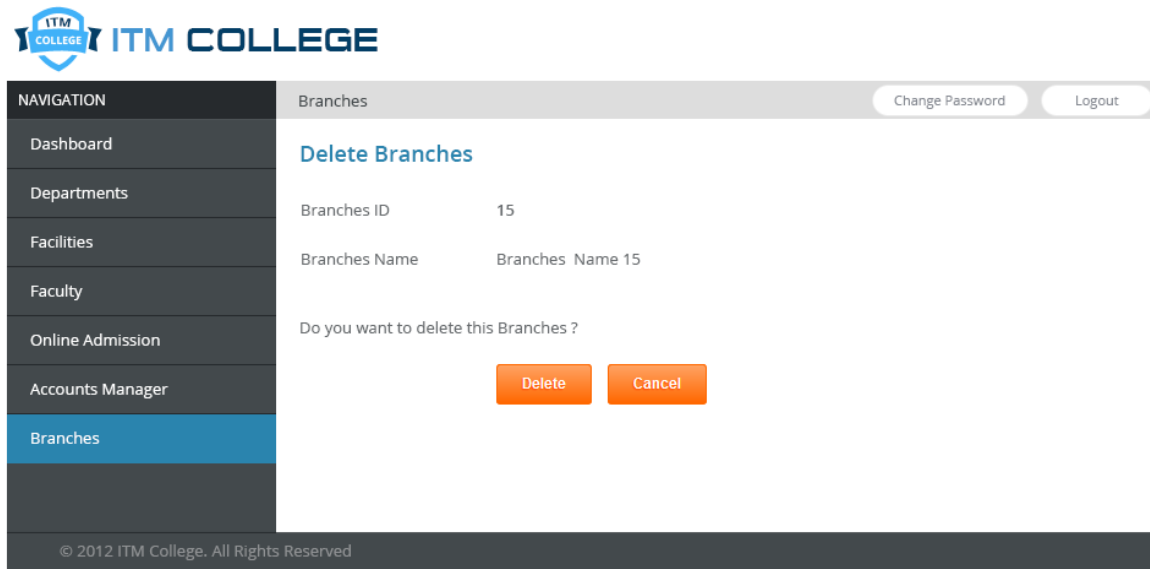
p

Submit Cancel

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Add / Edit Branches						
No.	Name	Type	Validation	Event	Description	Status
1	txtBranchesName	Text Box	Not Null Length: 250		Name of Branches	Enable
3	txtBranchesPhone	Text Box	Length: 250		Phone of Branches	Enable
4	txtBranchesFax	Text Box	Length: 250		Display order of Branches	Enable
5	txtBranchesEmail	Text Box	Length: 250		Email of Branches	Enable
5	txtDescription	Text Box			Description of Branches	Enable
6	ButtonSubmit	Button		Click	Process Add/Edit	Enable
7	ButtonCancel	Button		Click	Return previous page	Enable

19. Administrator – Branches – Delete




The screenshot shows the ITM College Management System interface. On the left is a navigation menu with options: NAVIGATION, Dashboard, Departments, Facilities, Faculty, Online Admission, Accounts Manager, and Branches (highlighted). The main content area is titled 'Delete Branches' and displays the following information:

- Branches ID: 15
- Branches Name: Branches Name 15
- Confirmation message: Do you want to delete this Branches ?
- Two buttons: Delete (orange) and Cancel (orange)

At the bottom of the interface, there is a footer: © 2012 ITM College. All Rights Reserved.

Delete Branches						
No.	Name	Type	Validation	Event	Description	Status
1	lblBranchesID	Label			ID of Branches	Enable
2	lblBranchesName	Label			Name of Branches	Enable
3	ButtonDelete	Button		Click	Process Delete Branches	Enable
4	ButtonCancel	Button		Click	Return previous page	Enable

20. Change Password


ITM COLLEGE

NAVIGATION

Dashboard
Departments
Facilities
Faculty
Online Admission
Accounts Manager

Accounts Manage

Change Password
Logout

Change Password

Username admin

Current Password

New Password


Re-type New Password

Submit
Cancel

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Change Password						
No.	Name	Type	Validation	Event	Description	Status
1	lblUsername	Label			Username of Account	Enable
2	txtCurrentPassword	Textbox (Password)	not null		Current password of Account	Enable
3	txctNewPassword	Textbox (Password)	not null		New password	Enable
4	txtRe-typeNewPassword	Textbox (Password)	not null equal New Password		Re-type new password	Enable
5	ButtonDelete	Button		Click	Process Change Password	Enable
6	ButtonCancel	Button		Click	Return previous page	Enable

21. Staff Dashboard

 **ITM COLLEGE**

NAVIGATION

[Dashboard](#)
[Courses](#)
[Timetable](#)
[Student Registration](#)
[News & Events](#)
[Class News](#)
[Assignments](#)
[Exam Timetable](#)

Dashboard


[Change Password](#) [Logout](#)

New Student Registration

ID	UniqueID	Student name	Course Name	Start Date	End Date
1	ITMS001	Nathan Smith	Introductory Economics A	03 June 2013	07 June 2013
2	ITMS002	Nathan Smith	Introductory Economics A	03 June 2013	07 June 2013
3	ITMS003	Nathan Smith	Introductory Economics A	03 June 2013	07 June 2013
4	ITMS004	Nathan Smith	Introductory Economics A	03 June 2013	07 June 2013
5	ITMS005	Nathan Smith	Introductory Economics A	03 June 2013	07 June 2013

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22. Staff – Courses


ITM COLLEGE

NAVIGATION
Dashboard
Courses
Student Registration
News & Events
Assignments

Courses Manage

Change Password Logout


New Course

ID	Course Name	Teacher	Start Date	End Date		
1	Elementary Programming with C	John Smith	03 June 2013	07 June 2013	Update	Delete
2	Dreamweaver 8.0	John Smith	03 June 2013	07 June 2013	Update	Delete
3	Building Dynamic WebSites	John Smith	03 June 2013	07 June 2013	Update	Delete
4	Database Development in Microsoft SQL Server	John Smith	03 June 2013	07 June 2013	Update	Delete
5	Introduction to Cloud Computing	John Smith	03 June 2013	07 June 2013	Update	Delete

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Courses Manage						
No.	Name	Type	Validation	Event	Description	Status
1	linkNewCourse	Hyperlink		Click	Link to Create Course page	Enable
2	linkUpdate	Hyperlink		Click	Link to Update Course page	Enable
3	linkDelete	Hyperlink		Click	Link to Update Course page	Enable

23. Staff – Course – Add/Edit


ITM COLLEGE

NAVIGATION
Dashboard
Courses
Student Registration
News & Events
Assignments

Courses Manage
Change Password
Logout

New Course

Course Name

Department

Faculty

Start Date

End Date

Exam Date

Description

File Edit Insert View Format Table Tools
Formats B I
List Bulleted Numbered
Link Image

|

p

Submit Cancel

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Add/Edit Course						
No.	Name	Type	Validation	Event	Description	Status
1	txtCourseName	Textbox	not null		Name of Course	Enable
2	txtDepartment	Dropdown List	Selected		Department of Course	Enable
3	txtFaculty	Dropdown List	Selected		Faculty of Course	Enable
4	txtStartDate	Textbox			Start date of Course	Enable
5	txtEndDate	Textbox			End date of Course	Enable
6	txtExamDate	Textbox			Exam date of Course	Enable
7	txtDescription	Textbox (Multiline)			Description of Course	Enable

8	ButtonSubmit	Button		Click	Process add/edit course	Enable
9	ButtonCancel	Button		Click	Return previous page	Enable

24. Staff – Student




NAVIGATION
Dashboard
Courses
Student Registration
News & Events
Assignments

Student Registration
Change Password
Logout

ID	UniquelD	Student Name	Course Name	Start Date	End Date		
1	ITMS001	John Smith	Enterprise Application Development	03/06/2013	07/06/2013	Update	Delete
1	ITMS001	John Smith	Enterprise Application Development	03/06/2013	07/06/2013	Update	Delete
2	ITMS002	John Smith	Enterprise Application Development	03/06/2013	07/06/2013	Update	Delete
3	ITMS003	John Smith	Enterprise Application Development	03/06/2013	07/06/2013	Update	Delete
4	ITMS005	John Smith	Enterprise Application Development	03/06/2013	07/06/2013	Update	Delete

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25. Staff – College Content



ITM COLLEGE

NAVIGATION
 Dashboard
 Courses
 Student Registration
News & Events
 Assignments

College Contents

[Change Password](#)
[Logout](#)


New Content

ID	Title	Category		
1	Uganda PM confers 'Best Computer Training School' award to Aptech	News	Update	Delete
2	Best Innovation in Vocational Education and Skills Training Award	Achievements	Update	Delete
3	"Priscilla Queen of the Desert" matinee performed	Events	Update	Delete

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College Contents						
No.	Name	Type	Validation	Event	Description	Status
1	linkNewContent	Hyperlink		Click	Link to Create Content page	Enable
2	linkUpdate	Hyperlink		Click	Link to Update Content page	Enable
3	linkDelete	Hyperlink		Click	Link to Update Content page	Enable

26. Staff – College Content – Form



ITM COLLEGE

NAVIGATION

Dashboard

Courses

Student Registration

News & Events

Assignments

College Contents
Change Password Logout

New Content

Title

Image

Category

Select Category

Description

FileEditInsertViewFormatTableTools

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Submit
Cancel


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Add/Edit College Contents						
No.	Name	Type	Validation	Event	Description	Status
1	txtTitle	Textbox			Title of Content	Enable
2	txtImage	Textbox			Image of Content	Enable
3	listCategory	Dropdown List			Select Content category	Enable
4	txtText	Textbox			Text of Content	Enable
5	ButtonSubmit	Button			Process add/Edit Content	Enable
6	ButtonCancel	Button			Return previous page	Enable

GROUP 2

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27. Staff – Assignment


ITM COLLEGE

NAVIGATION

Dashboard
Courses
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News & Events
Assignments

Assignments

Change Password Logout

New Assignment

ID	Name	Course		
1	Assignment 1	Advanced Features of ASP.NET	Update	Delete
2	Assignment 2	Advanced Features of ASP.NET	Update	Delete
3	Assignment 3	Advanced Features of ASP.NET	Update	Delete
4	Assignment 4	Advanced Features of ASP.NET	Update	Delete

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Staff - Assignments						
No.	Name	Type	Validation	Event	Description	Status
1	linkNewAssignment	Hyperlink		Click	Link to Create Assignment page	Enable
2	linkUpdate	Hyperlink		Click	Link to Update Content page	Enable
3	linkDelete	Hyperlink		Click	Link to Update Content page	Enable

28. Staff – Assignments – Add/Edit

ITM COLLEGE

NAVIGATION: Dashboard, Courses, Student Registration, News & Events, **Assignments**

Assignments | Change Password | Logout

New Assignment

Assignment Name:

Course:

Description:

File Edit Insert View Format Table Tools

Undo Redo Formats B I Align Left Align Center Align Right Justify Link Image

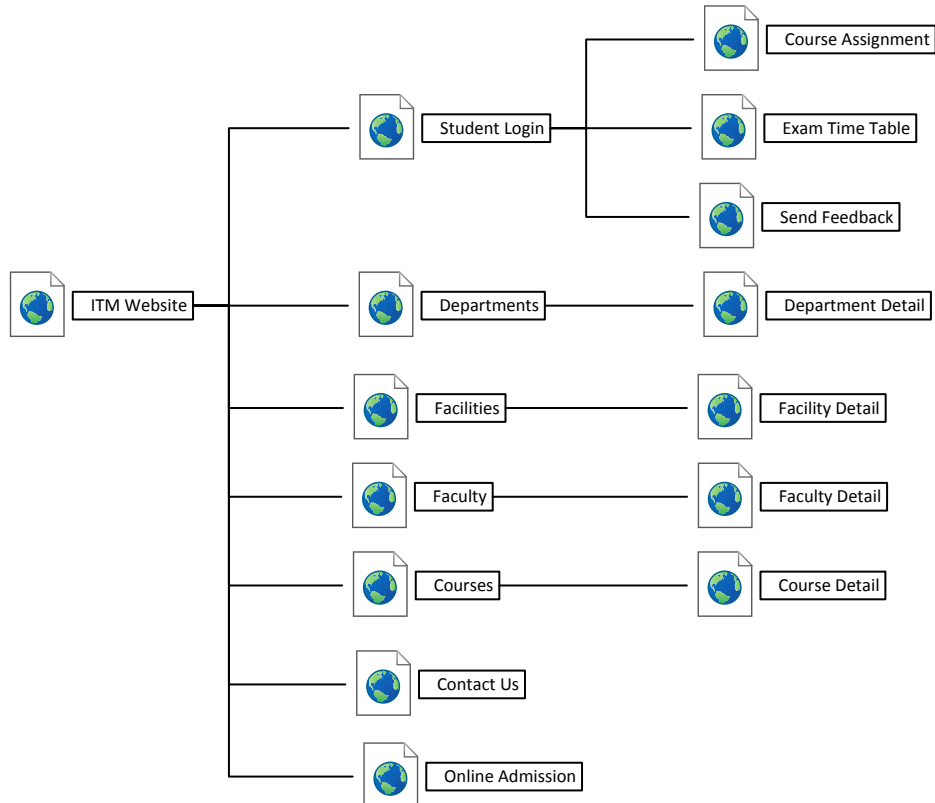
p

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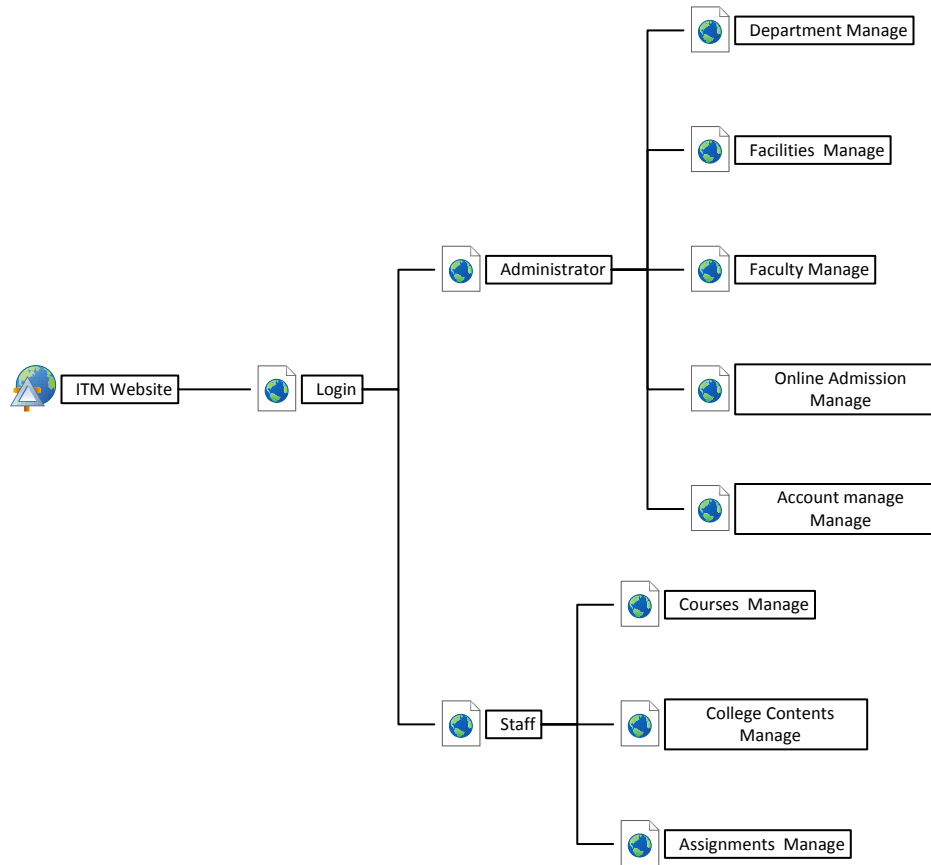
Add/Edit Assignment						
No.	Name	Type	Validation	Event	Description	Status
1	txtAssignmentName	Textbox			Name of Assignment	Enable
2	listCourse	Dropdown List			Select Assignment's Course	Enable
3	txtDescription	Textbox			Description of Assignment	Enable
4	ButtonSubmit	Button			Process add/Edit Assignment	Enable
5	ButtonCancel	Button			Return previous page	Enable

IV. Sitemap

1. Front-End Sitemap



2. Back-End Sitemap



V. Task sheet review 3

Project Ref. No: 2	Project Title: ITM College Management	Date of Preparation of Activity Plan			
No.	Task	Actual Start Date	Actual Days	Team Member Name	Status
01	Database Relationship Diagram	May 04, 2013	10	Le Ngoc Nhut Tran Dung Tri Tran Van Hai	Completed
02	Database Structure			Le Ngoc Nhut Tran Dung Tri Tran Van Hai	Completed
03	Database Constraints			Le Ngoc Nhut Tran Dung Tri Tran Van Hai	Completed
04	GUI Designs			Nguyen Vu Hung	Completed

	Prepare By: Group	Approved By: Faculty
Date: May 14, 2013	Team Leader Nguyen Vu Hung	 Tran Phuoc Sinh