Designing Phase
Of
Student Registration System

Group: A
Presenters: Noor Ahmad & Muhibullah
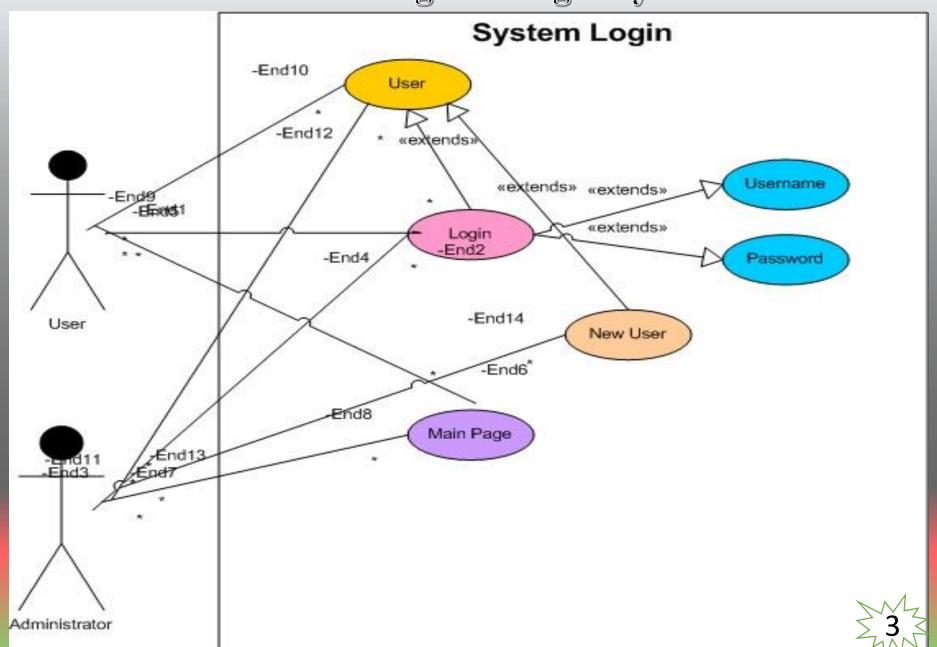
Date: 1396-01-30

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Scenarios for Use Case Diagrams

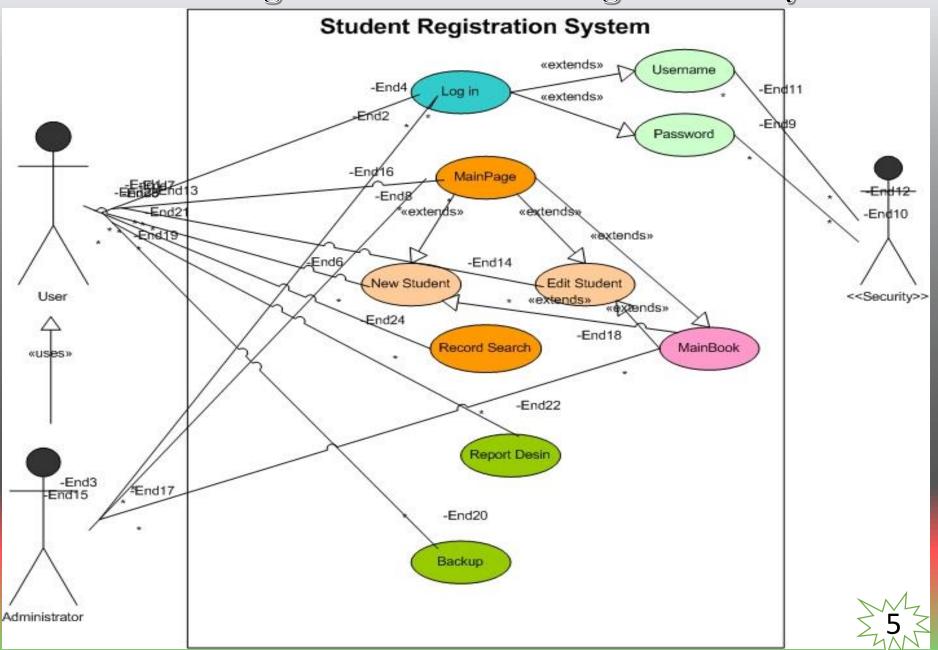| Use Case Name	Log in
Author	KhayalBacha
Last Revision	19 April 2017
Actors	User and Administrator
Uses	Login Info
Extends	UserInfo
Pre-Conditions	All users information will available in system.
Basics Course / Main Scenarios	1. User Enter Username and password and gets enter to the system. 1.2 Users will have their own username and password and Administrator will have his own username and password. 2.1. System checks, is the user registered or not? 2.2. System also checks username and Password. 3. When user logged into the system, system will open the main page. 4.1. User will select new student, if student is a new student. 4.2. User will select edit student, if student want to edit his record. 5. New user will add through Admin.
Other Scenarios	2.1. If the user isn't registered, then the system will alert a message to register the user.
Post-Conditions	When Username and Password entered, then Login will successful.
Error-Conditions	2.2. If the username or password isn't correct, then system will generate an error.

Use Case Diagram Login System

Scenarios for Use Case Diagrams

Use Case Name	Student Registration
Author	KhayalBacha
Last Revision	19 April 2017
Actors	User, Administrator
Uses	Login Account
Extends	Nil.
Pre-Conditions	Student Registration form and records of all registered students will available in System.
Basics Course / Main Scenarios	1. System prompts the user to add new student or edit registered student record. 2. User selects one of them. 2.1. If user select new student, then system will open the new registration form to user. 2.2. If user want to edit the record of a student, then system will ask for Student ID Number to find out the student. 3. When user fill out the new registration form, system will display the complete record to user. 4. System will provide service of report generation for users. 5. System will contain record searching method. 6. User make the backup of the system.
Other Scenarios	2.1. User will fill all fields of form.
Post-Conditions	Form is composed and ready for registration.
Error-Conditions	2.2. Is a student not available, then the system will alert to the user.

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Use Case Diagram For Student Registration System

Student Registration System

Username

«extends»

-End4 Log in «extends» -End11

-End2 -End9

Password

-End16 MainPage

-End8

«extends» «extends»

«extends»

-E-End7 -End13
-End20 -End21
-End19

-End14

New Student Edit Student

-End6 «extends» «extends»

End24

-End18

Record Search MainBook

-End22

User

«uses»

<<Security>>

-End12
-End10

Report Desin

-End3
-End15

-End17

-End20

Backup

Administrator

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Scenario for Class Diagram

This system (Student Registration System) will contain the following Classes.

(The system contain an interface, which name in StdFunction.

This interface will have two methods:

1. StdSet (); (This method will set values to all attributes)
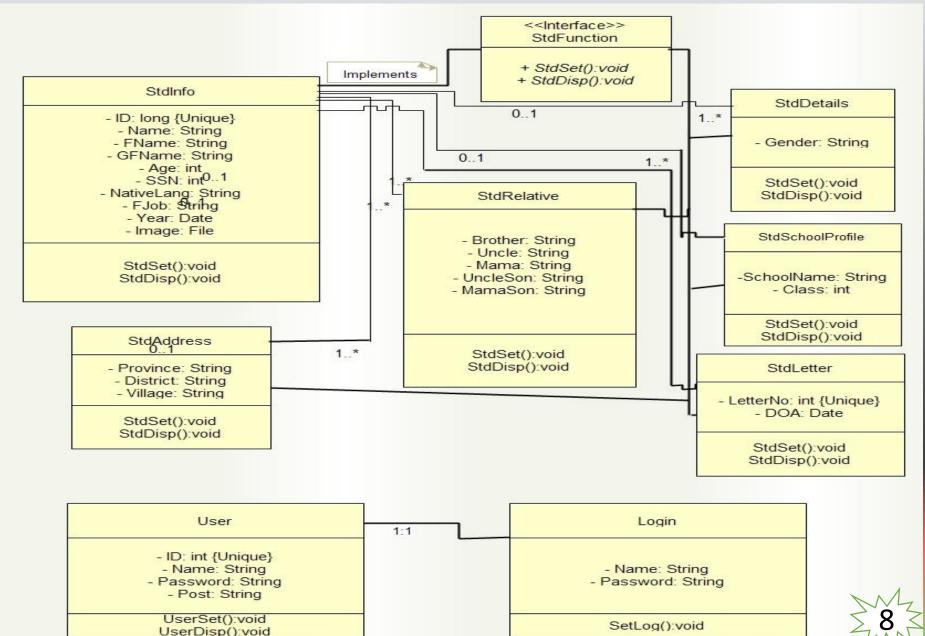2. StdDisp (); (This method will display us all we need)

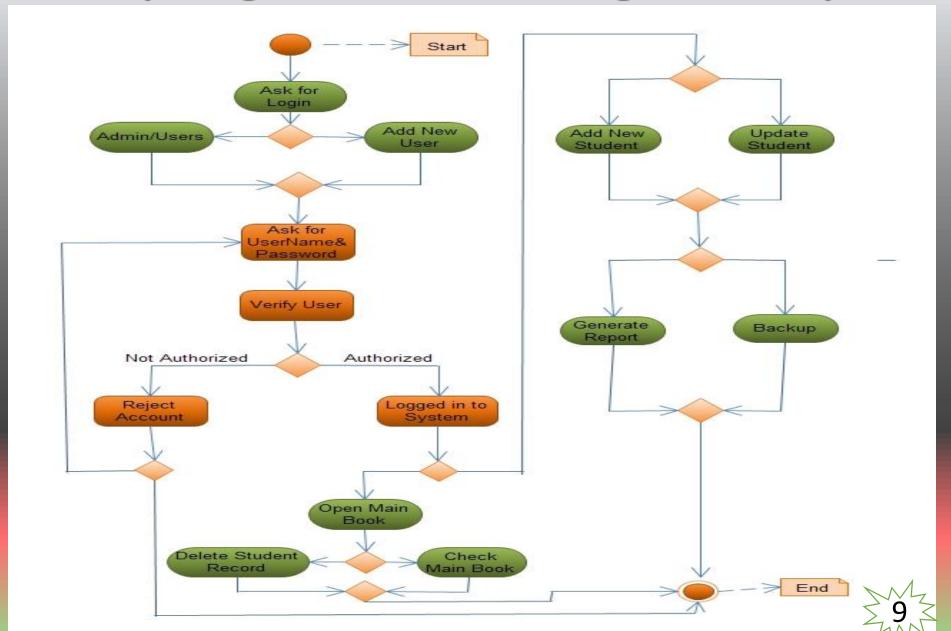 System Classes and their related attributes are as follows:

Cont…..

S.No	Class Name	Attributes
1	StdInfo	- ID: long{Unique} - Name: String - FName: String - GFName: String - Age: int - SSN: long - Nationality: String - FJob: String - NLang: String - Year: Date - Image: Blob
2	StdDetails	- Gender: String
3	StdAddress	- Province: String - District: String - Village: String
4	StdRelative	- Brother: String - Uncle: String - MUncle: String - UncleSon: String - MUncleSon: String
5	StdSchoolProfile	- SchoolName: String - Class: int
6	StdLetter	- LetterNo: String{Unique} - DOA: Date
7	User (For System authentication)	- ID: int {Unique} - Name: String - Password: String - Post: String
8	Login (authenticate users)	- Name: String - Password: String

Class Diagram for Student Registration System

Activity Diagram for Student Registration System

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Any Question
OR
Suggestion
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