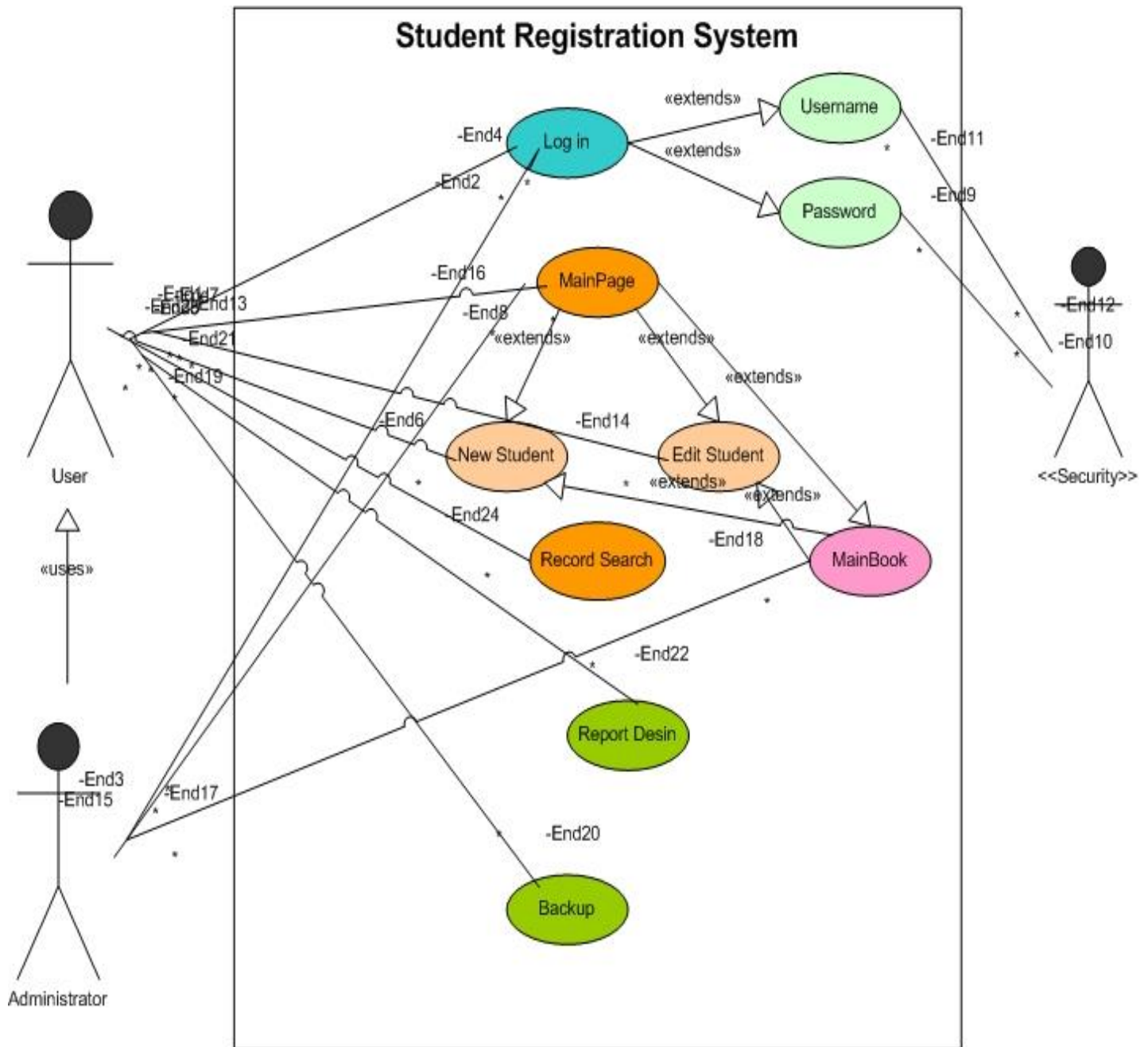


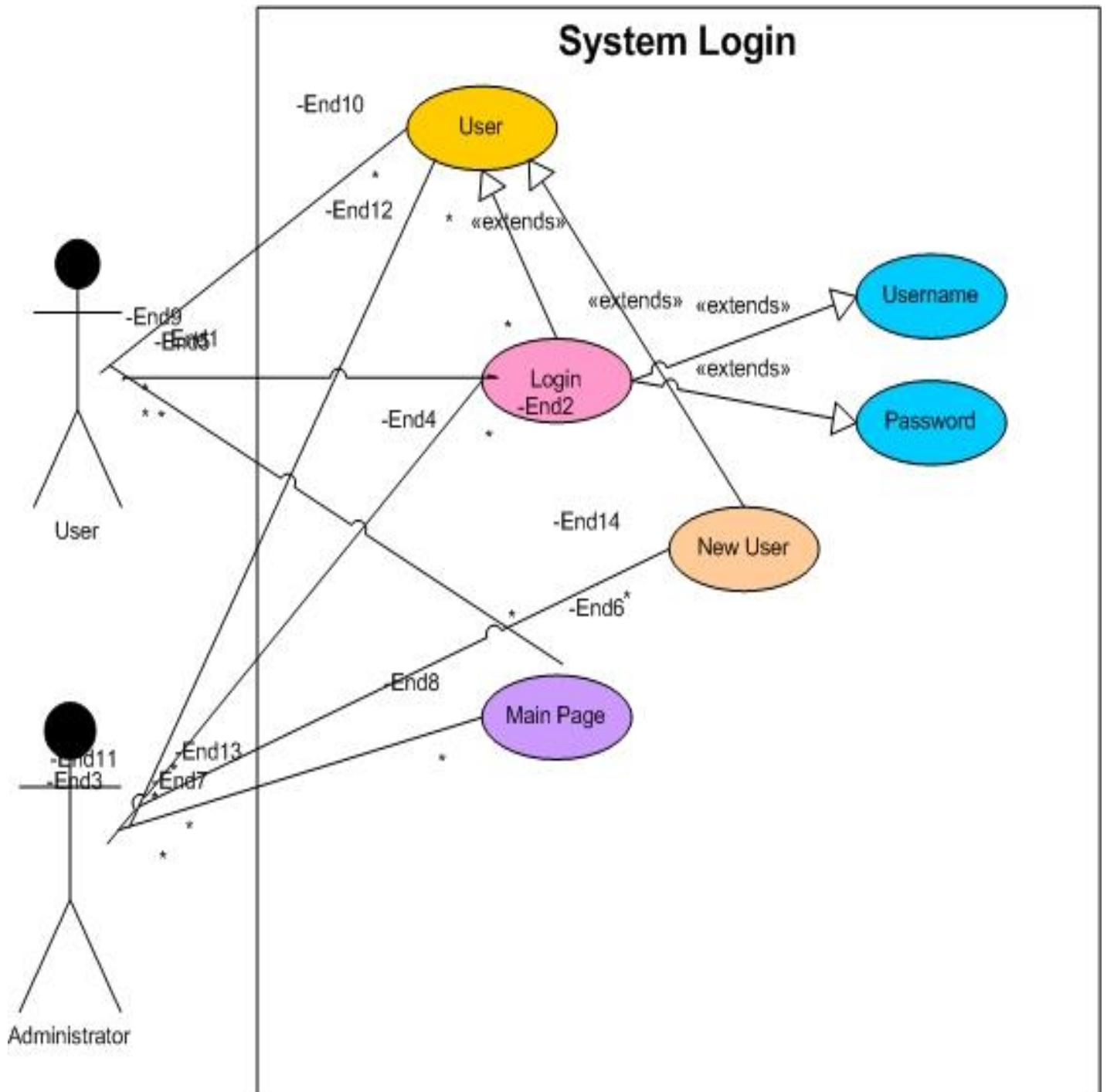
## Scenarios for Use Case Diagrams

Use Case Name	Student Registration
Author	KhayalBacha
Last Revision	4 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	<ol style="list-style-type: none"> <li>1. System prompts the user to add new student or edit registered student record.</li> <li>2. User selects one of them. <ol style="list-style-type: none"> <li>2.1. If user select new student, then system will open the new registration form to user.</li> <li>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.</li> </ol> </li> <li>3. When user fill out the new registration form, system will display the complete record to user.</li> <li>4. System will provide service of report generation for users.</li> <li>5. System will contain record searching method.</li> <li>6. User make the backup of the system.</li> </ol>
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.

Use Case Name	Log in
Author	KhayalBacha
Last Revision	4 April 2017
Actors	User and Administrator
Uses	Login Info
Extends	UserInfo
Pre-Conditions	All users information will available in system.
Basics Course / Main Scenarios	<ol style="list-style-type: none"> <li>1. User Enter Username and password and gets enter to the system.</li> <li>1.2 Users will have their own username and password and Administrator will have his own username and password.</li> <li>2.1. System checks, is the user registered or not?</li> <li>2.2. System also checks username and Password.</li> <li>3. When user logged into the system, system will open the main page.</li> <li>4.1. User will select new student, if student is a new student.</li> <li>4.2. User will select edit student, if student want to edit his record.</li> <li>5. New user will add through Admin.</li> </ol>
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.

# Student Registration System Use Case Diagram





## Scenario for Class Diagram

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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:

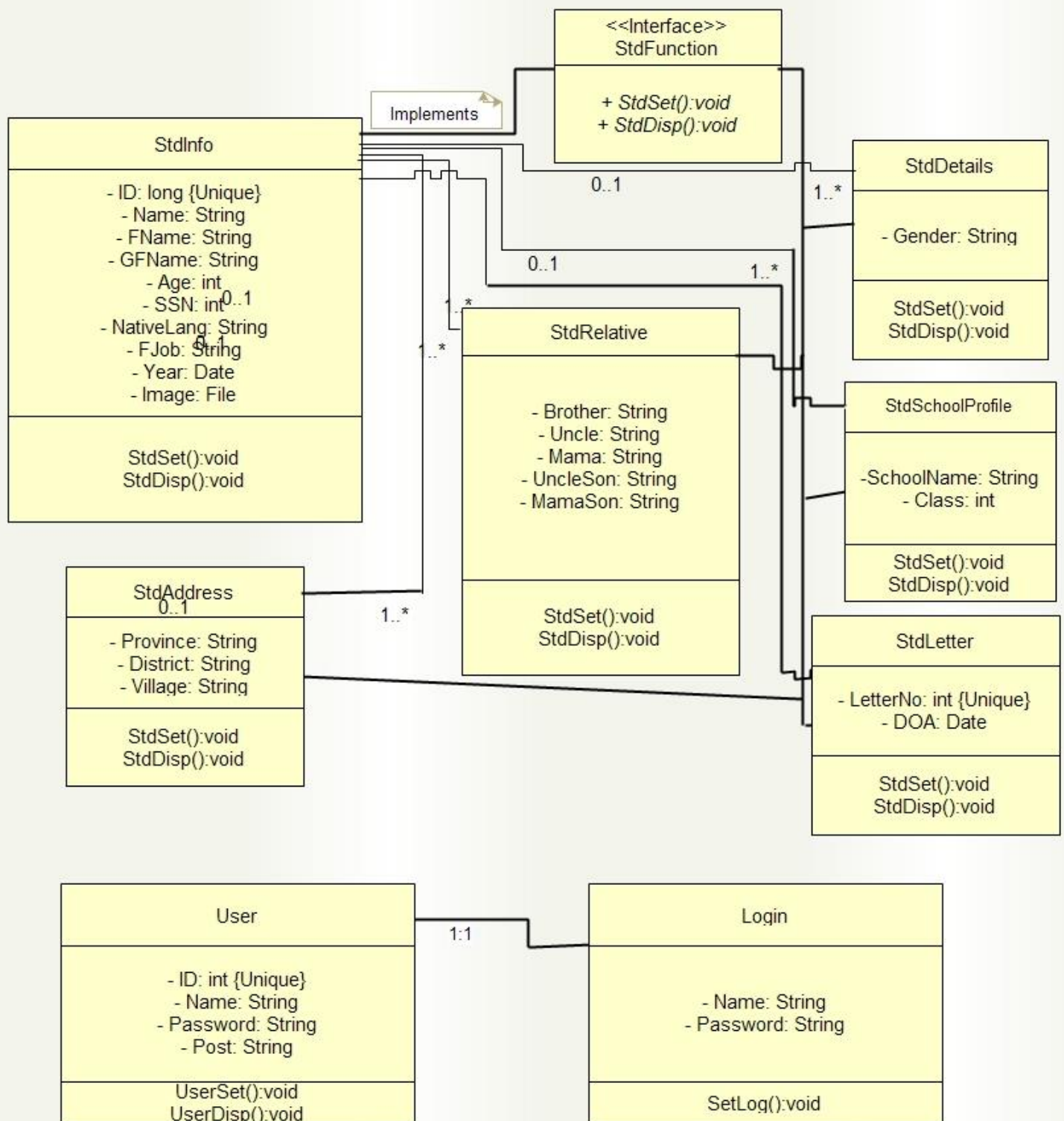
1. StdSet (); (This method will set values to all attributes)
2. StdDisp (); (This method will display us all we need)

System Classes and their related attributes are as follows:

S.No	Class Name	Attributes
1	StdInfo	<ul style="list-style-type: none"><li>- ID: long{ Unique}</li><li>- Name: String</li><li>- FName: String</li><li>- GFName: String</li><li>- Age: int</li><li>- SSN: long</li><li>- Nationality: String</li><li>- FJob: String</li><li>- NLang: String</li><li>- Year: Date</li><li>- Image: Blob</li></ul>
2	StdDetails	<ul style="list-style-type: none"><li>- Gender: String</li></ul>
3	StdAddress	<ul style="list-style-type: none"><li>- Province: String</li><li>- District: String</li><li>- Village: String</li></ul>
4	StdRelative	<ul style="list-style-type: none"><li>- Brother: String</li><li>- Uncle: String</li><li>- MUncle: String</li><li>- UncleSon: String</li><li>- MUncleSon: String</li></ul>

5	StdSchoolProfile	<ul style="list-style-type: none"> <li>- SchoolName: String</li> <li>- Class: int</li> </ul>
6	StdLetter	<ul style="list-style-type: none"> <li>- LetterNo: String{Unique}</li> <li>- DOA: Date</li> </ul>
7	User (For System authentication)	<ul style="list-style-type: none"> <li>- ID: int {Unique}</li> <li>- Name: String</li> <li>- Password: String</li> <li>- Post: String</li> </ul>
8	Login (authenticate users)	<ul style="list-style-type: none"> <li>- Name: String</li> <li>- Password: String</li> </ul>

# Class Diagram for Student Registration System



# Activity Diagram for Student Registration System

