

Actor

- 1. Administrator = the person who can add schedule, register teacher, register new student, create new classes, make new subject, share files, create new administrator, add new parents, add infor students family, create account for student and teacher**
- 2. Teacher = the person who can read data, change password, upload file, input grade**

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- 1) Administrator → create schedule, register teacher, register new student, create new classes, make new subject, share files, create new administrator, add new parents, add infor students family, create account for student and teacher**
- 2) Teacher → read data, change password, upload file, input grade**
- 3) Student → read data (schedule, subject), change password**
- 4) Admission → register student and teacher**

Usecase

- 1) Login → the process to enter the system**
- 2) create new administrator → the process to create new administrator**

- 3) **Register student → The process to register new student**
- 4) **Register teacher**
- 5) **Input Student family information**
- 6) **create new classes**
- 7) **Create new schedule**
- 8) **share files**
- 9) **Read data**
- 10) **Upload file**
- 11) **Input grade**
- 12) **Change password**
- 13) **Logout**

Usecase Narrative

- 1) **Login →**
- 2) **create new administrator → the process to create new administrator**
- 3) **Register student → The process to register new student**
- 4) **Register teacher**
- 5) **Input Student family information**
- 6) **create new classes**
- 7) **Create new schedule**
- 8) **share files**

9) Read data

10) Upload file

11) Input grade

12) Change password

13) Logout

1) Login

Table: 4. 1 Login Narrative Diagram

Use case name	Login	
Use case id	1	
Actor	All Actors	
Description	This use case describes the login process	
Pre-condition	Any user wants to login, must be registered	
Trigger	After validation user can access to the system	
A typical course of the event	Actor Action	System Response
	input username and password	
	1.Click login	2. System checks and validate
		1. Display the related page
Alternative courses	3A. If user or password is wrong redirect to the same page	
Conclusion	-	
Post Condition	Successfully logged in, based on the user level	

2) Create new administrator

Table: 4. 4 Create new administrator Narrative Diagram

Use case name	Create new administrator	
Use case Id	2	
Actor	-	
Description	Create new user with same permission	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
The typical course of the event	Actor Action	System Response
	1.Click Create new admin	2.Display register form
	3.filling register form	
	4.Click me	5. New admin register
Alternative course	5A. If ID number already exists or email is invalid system will display an error message	
Conclusion	-	
Post Condition	Redirect to the related page	

3) Register student

Table: 4.5 Register student Narrative Diagram

Use case name	Register student	
Use case Id	3	
Actor	-	
Description	Register students	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
The typical course of the event	Actor Action	System Response
	1.Click register new student	2.Display register form
	3.filling register form	
	4.Click me	5. New student register
Alternative course	5A. If ID is the same or age is greater 20, system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

4) Register teacher

Table: 4. 6 Register teacher Narrative Diagram

Use case name	Register teacher	
Use case Id	4	
Actor	-	
Description	Register teachers	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
The typical course of the event	Actor Action	System Response
	1.Click register new teacher	2.Display register form
	3.filling register form	
	4.Click me	5. New teacher register
Alternative course	5A. If ID is the same, or form is empty, system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

5) Input student's family information

Table: 4. 7 Input student's family information Narrative Diagram

Use case name	Input student's family information	
Use id	5	
Actor	-	
Description	Add complete information about student's family	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event	Actor Action	System Response
	1.Click register new family	2.Display register form
	3.filling register form	
	4.Click me	5. New family register
Alternative course	5A. If student ID not found or not exists, system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

6) Create new classes

Table: 4.8 Create new classes Narrative Diagram

Use case name	Create new classes	
Use case id	6	
Actor	-	
Description	Creating new class for students	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event	Actor Action	System Response
	1.Click register new class	2.Display class form
	3.filling register form	
	4.Click me	5. Make new class
Alternative course	5A. If student ID does not exists or subject not selected system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

7) Create new schedule

Table: 4. 9 Create new schedule Narrative Diagram

Use case name	Create new schedule	
Use case id	7	
Actor	-	
Description	Creating new schedule for students	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event, alternative course	Actor Action	System Response
	1.Click register new schedule	2.Display schedule form
	3.filling register form	
	4.Click me	5. Submit new schedule
Alternative course	5A. If student ID not found or form is empty system will display an error	
Conclusion	-	
Post Condition	Activity successfully done	

8) Share files

Table: 4. 10 Share file Narrative Diagram

Use case name	Share files	
Use case id	8	
Actor	-	
Description	Sharing files for each students individually	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event, alternative course	Actor Action	System Response
	1.Click send file	2.Display upload form
	3.filling upload form	
	4.Click me	5. Submit file
Alternative course	5A. If student ID not found or file not selected system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

9) Read data

Table: 4. 11 Read data Narrative Diagram

Use case name	Read data	
Use case id	9	
Actor	-	
Description	Read all belongings data	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event, alternative course	Actor Action	System Response
	input username and password	
	1.Click login	2. System checks and validate
		3.Display the related page
Alternative course	3A. If user or password is wrong redirect to the same page	
Conclusion	-	
Post Condition	Activity successfully done	

10) Upload file

Table: 4. 2 Upload file Narrative Diagrams

Use case name	Upload file	
Use case id	10	
Actor	-	
Description	Upload file for students	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event, alternative course	Actor Action	System Response
	1.Click send file	2.Display upload form
	3.filling upload form	
	4.Click me	5. Submit file
Alternative course	5A. If student ID and Teacher ID not found or file not selected system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

11) Input grade

Table: 4. 3 Input grade Narrative Diagram

Use case name	Input grade	
Use case id	11	
Actor	-	
Description	Share file for students	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event, alternative course	Actor Action	System Response
	1.Click upload grade	2.Display input grade form
	3.filling the form	
	4.Click me	5. Submit student's grade
Alternative course	5A. If student ID or class ID not found system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

12) Change password

Table: 4. 14 Change password Narrative Diagram

Use case name	Change password	
Use case id	12	
Actor	-	
Description	Change belonging password	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event, alternative course	Actor Action	System Response
	1.Click change password	2.Display password form
	3.filling the form	
	4.Click me	5. Change password
Alternative course	5A. If old password is wrong and new password not matched with confirm field or new password is the same as old password system will display an error message	
Conclusion	-	
Post Condition	Activity successfully done	

13) Logout

Table: 4. 4 Logout Narrative Diagram

Use case name	Logout	
Use case id	13	
Actor	-	
Description	The process of existing the system	
Pre-condition	Actor already logged in	
Trigger	Validation is successfully	
Typical course of event, alternative course	Actor Action	System response
	1. Click logout	2. Check if logged in
	3.logged in	4.Not logged in
Alternative course	3A If logged in, exit from the system	
Conclusion	-	
Post Condition	Activity successfully done	