**USECASE DIAGRAM FOR STUDENT MARK ANALYSIS**

USECASE DIAGRAM:

ADMIN

STD

STAFF

**USECASE EXPLANATION**

**Use case 001: login**

INTORDUCTION: this use case outlines the step that need to be followed in order to login into the system.

ACTOR: Administrator, Student (user) and Staff

PRE-CONDITION: user has to have a valid credential

POST-CONDITION: the system display the relevant page

BASIC FOLW: the user enter the user name and password

**Scenario:**

|  |  |
| --- | --- |
| **ACTOR** | **SOFTWARE REACTION** |
| User name  password | If it is valid user can enter into system  If it is invalid user it indicates it is wrong user name or password |

ALTERNATE FLOW: the user can enter the reg no

SPECIAL REQUIREMENTS: None

ASSOCIATED USE CASE(S): None

**Use case 002: student profile**

INTORDUCTION: this use case outlines the step that need to be followed in order to student profile.

ACTOR: Administrator and Staff

PRE-CONDITION: the admin and staff can view the student details and update the student profile.

POST-CONDITION: the system display the relevant page

BASIC FOLW: the user enter the student name, mark list and performance.

Scenario:

|  |  |
| --- | --- |
| **ACTOR** | **SOFTWARE REACTION** |
| Student profile  1.student name  2.marks  3.attendance  4.performence | It will display the particular student details which we mentioned  It will show the marks and his performance in this academic year  And it will display the attendance percentage. |

ALTERNATE FLOW: None

SPECIAL REQUIREMENTS: None

ASSOCIATED USE CASE(S): None

**Use case 003: View Result**

INTORDUCTION: this use case outlines the step that need to be followed in order to View Student Result

ACTOR: Student (user) and Staff

PRE-CONDITION: user has to have a valid credential

POST-CONDITION: the system display the relevant page

BASIC FOLW: the user enter the name, class and reg no

**Scenario:**

|  |  |
| --- | --- |
| **ACTOR** | **SOFTWARE REACTION** |
| Student want to view his mark report | System request the following data from the student (user)  1.Name  2.Class  3.Reg no  For name, class and reg no the system show the list of valid choices |

ALTERNATE FLOW: the user can deals with the staff

SPECIAL REQUIREMENTS: None

ASSOCIATED USE CASE(S): None

**Use case 004: fill out data**

INTORDUCTION: this use case outlines the step that need to be followed in order to fill out the data

ACTOR: student (user)

PRE-CONDITION: user has to have a valid credential

POST-CONDITION: the system display the relevant page

BASIC FOLW: the user enter the name, class and reg no

**Scenario:**

|  |  |
| --- | --- |
| **ACTOR** | **SOFTWARE REACTION** |
| Student (user) fill up the data | The system verifies that the above items has been filled out  If any data is missing, the system warns the user and the steps continues with software reaction  If all data has been entered the system ask the user to view the result.  If the user indicate they want to end the scenario here  And If the user indicate that their marks are not correct the scenario continues with software reaction. |

ALTERNATE FLOW: click the help option

SPECIAL REQUIREMENTS: None

ASSOCIATED USE CASE(S): None

**Use case 005: Conforming the marks**

INTORDUCTION: this use case outlines the step that need to be followed in order to Conforming the marks.

ACTOR: student (user) and Staff

PRE-CONDITION: user has to have a valid credential

POST-CONDITION: the system display the relevant page

BASIC FOLW: the user confirms that their marks is correct or not

**Scenario:**

|  |  |
| --- | --- |
| **ACTOR** | **SOFTWARE REACTION** |
| the user confirms that their marks is correct | If the user says their marks is correct the scenario end their |

ALTERNATE FLOW: None

SPECIAL REQUIREMENTS: None

ASSOCIATED USE CASE(S): None

**USECASE DESCRIPTION:**

|  |  |  |
| --- | --- | --- |
| **USECASE** | **ACTOR** | **DESCRIPTION** |
| login | Administrator, Student (user) and Staff | Enter user name, and password |
| Student profile | Administrator, Student (user) and Staff | Add new student profile, edit student profile, view student profile, delete student profile. |
| View report | Student (user) and Staff | View report, edit report, delete report, add report. |
| Fill out data | student (user) | Name, class, reg no |
| Conforming the marks | Student (user) and Staff | Checking the marks correct or not. |