|  |  |
| --- | --- |
| **Use Case:** | Sign Up |
| **Description:** | New user signing up to enter the system |
| **Actors:** | Student |
| **Pre-Condition:** | NA |
| **Post-Condition:** | User successfully enter the system |
| **Flow of Events:** | 1. User clicks sign up button. 2. System prompts user to fill in student id, password, name and department. 3. User fill in the student id, password, name and department. 4. User click submit button. |
| **Alternative Flow:** | * If the sign up process failed, user shall do another attempt to sign up |

|  |  |
| --- | --- |
| **Use Case:** | Sign In |
| **Description:** | User signing into system using authorized student id and password |
| **Actors:** | Student |
| **Pre-Condition:** | User successfully signed up |
| **Post-Condition:** | User successfully enter the system |
| **Flow of Events:** | 1. User fill in student id and password. 2. User clicks sign in button. |
| **Alternative Flow:** | * If user fill in wrong student id or password, user shall not enter the system. User shall re-enter correct student id and password |

|  |  |
| --- | --- |
| **Use Case:** | View Marks |
| **Description:** | User is able to view the student marks |
| **Actors:** | Student |
| **Pre-Condition:** | User successfully enter the system |
| **Post-Condition:** | NA |
| **Flow of Events:** | 1. User sign in to the system. 2. System display student marks and average marks for Science, English and Mathematics subjects. 3. User view the student marks and average marks. |
| **Alternative Flow:** | NA |

|  |  |
| --- | --- |
| **Use Case:** | Add Marks |
| **Description:** | User is able to add marks into the database |
| **Actors:** | Student |
| **Pre-Condition:** | User successfully enter the system |
| **Post-Condition:** | Marks successfully added into database |
| **Flow of Events:** | 1. User sign in to the system. 2. System display student marks and average marks for Science, English and Mathematics subjects. 3. User clicks add marks button. 4. System prompts user to fill in marks for Science, English and Mathematics subjects. 5. User fill in the marks for each subject. 6. User clicks submit button. |
| **Alternative Flow:** | * If user leave a blank field on any mark, system shall display alert messages that every field is compulsory. * If user fill in value that is less than 0, system shall display alert messages that marks cannot be less than 0. * If user fill in value that is more than 100, system shall display alert messages that marks cannot be more than 100. |