**GROUP 5.9**

**Name - Rushikesh Nalla**

**ID - 201401106**

**Name - Omkar Damle**

**ID - 201401114**

**USE CASE MODELING**

**CENTRALISED SCHOLARSHIP MANAGEMENT SYSTEM**

|  |  |
| --- | --- |
| Identifier | Use Case 1 |
| Name | User Login |
| Actors | Student, Funding Organization |
| Description | A login page for the user to enter the system. |
| PreCondition | User has an account in SSP. |
| PostCondition | User gains access to the system and is directed to homepage. |
| Basic Flow | 1. User opens SSP(Student scholarship Portal). 2. The system prompts user for account credentials. 3. Student enters his user ID and password. 4. The system authenticates the credentials. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 2 |
| Name | Student Registration |
| Actors | Student |
| Description | The student enters his basic details like name, email ID, college name etc to register in this system. |
| PreCondition | User has an account in this system. |
| PostCondition | User has logged in and has registered. |
| Basic Flow | 1. User requests to enter the system. 2. The system prompts the registration page. 3. User fills the registration form and submits it. 4. System verifies and stores the user details to the database. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 3 |
| Name | Funding Organization Registration |
| Actors | Funding Organization |
| Description | Funding Organization enters their basic details like name, type etc to register in the system. |
| PreCondition | User has an account in this system. |
| PostCondition | User has logged in and has registered. |
| Basic Flow | 1. User requests to enter the system. 2. The system prompts the registration page. 3. User fills the registration form and submits it. 4. System verifies and stores the user details to the database. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 4 |
| Name | Student Edit Profile |
| Actors | Student |
| Description | Student fills in his complete details like age, cgpa etc and uploads various documents. He can later edit it as well. |
| PreCondition | Student has logged in and has registered in the system. |
| PostCondition | Student has updated his profile. |
| Basic Flow | 1. User requests the system for editing his profile and the system grants it. 2. User fills in his details and uploads all relevant documents. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 5 |
| Name | Verify Organization |
| Actors | Software Manager |
| Description | He verifies whether the funding organization is capable of providing scholarships. |
| PreCondition | The funding organization being verified already exists in the system. |
| PostCondition | Leads to accepting or denial of scholarships. |
| Basic Flow | 1. He looks at the background of the funding organization requesting to provide scholarships. 2. He notifies the funding organization after taking a decision. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 6 |
| Name | View scholarship list |
| Actors | student |
| Description | The student applicant can view the list of scholarships according to filters specified. |
| PreCondition | User must be logged in the system |
| PostCondition | Student may apply to one particular scholarship |
| Basic Flow | 1. Applicant inputs filters like field of study, level of study, etc. 2. The system shows the applicant the list of relevant scholarships 3. The user can select a particular scholarship to view its details. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 7 |
| Name | Apply for scholarship |
| Actors | Student, College DB |
| Description | The student applies for a particular scholarship |
| PreCondition | 1. User must be logged in the system 2. He/she must satisfy the basic criterias for the scholarship |
| PostCondition | The student will receive a confirmation email about his application |
| Basic Flow | 1. Student selects a particular scholarship from the list. 2. The academic details of the student are pre-filled according to his profile. 3. The student uploads any additional documents if required. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 8 |
| Name | Upload Documents |
| Actors | Student |
| Description | The student uploads required documents. |
| PreCondition | User must be logged in the system |
| PostCondition |  |
| Basic Flow | 1. The student selects the documents from his computer and uploads them. 2. The format of the document is checked. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 9 |
| Name | Introduce/Edit scholarship |
| Actors | Funding organisation |
| Description | The funding organisation introduces a new scholarship in the system or updates or deletes an existing scholarship. |
| PreCondition | 1. The funding organisation must be logged in. 2. The funding organisation should be verified by the software manager. |
| PostCondition | The software manager should check and verify the scholarship before it is made made available to the applicants. |
| Basic Flow | 1. In case of a new scholarship, the funding organisation enters the details(eligibility, funding) of the scholarship in the system. 2. Additionally, they specify the application form and the relevant documents required. 3. Sometimes, the funding organisation may change the eligibility criteria or the funding amount of an existing scholarship. 4. Finally, the organisation gives its consent to make the new/modified scholarship available to the public. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 10 |
| Name | Select candidates |
| Actors | Funding Organization |
| Description | The funding organization looks at all the applicants and takes a decision depending on their requirements. |
| PreCondition | 1. Scholarship application period is completed. 2. Students have applied for the scholarship. |
| PostCondition | Students are notified about their selection. |
| Basic Flow | 1. Funding organization receives the applications. 2. They select deserving students who meet their criteria. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 11 |
| Name | Notify candidates |
| Actors | Funding Organization |
| Description | The funding organisation notifies the candidates for any changes in status. |
| PreCondition | The funding organisation should have reviewed the candidate’s application |
| PostCondition | If the funding organisation has selected the candidate, the candidate is asked whether he wants to accept or reject the scholarship. |
| Basic Flow | 1. The candidates are informed about their status after a round of screening. 2. The notification is done through the contact preference(email, message) set by the candidate. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 12 |
| Name | Accept/Reject Scholarship |
| Actors | Student |
| Description | The students receive a scholarship offer and they accept or reject the scholarship. |
| PreCondition | 1. Student has applied for that particular scholarship. 2. He was selected for that scholarship by the funding organization. |
| PostCondition | Funding organization is informed about the student’s decision. |
| Basic Flow | 1. Students look at their profile to find out about the scholarship’s status. 2. Students either accept or reject the scholarship. |
| Alternate Flow |  |

|  |  |
| --- | --- |
| Identifier | Use Case 13 |
| Name | Pay Scholarship |
| Actors | Funding organisation, Bank |
| Description | The funding organisation pays the scholarship amount to the selected candidates using their bank account details |
| PreCondition | The selection process of the scholarship candidates is finished |
| PostCondition | The candidate is informed about the transfer of funds. |
| Basic Flow | 1. The funding organisation checks the eligibility of the selected candidates.(the candidate needs to check the eligibility each semester) 2. The funds are transferred to the student’s bank accounts as specified in their profiles. |
| Alternate Flow |  |

USE CASE DIAGRAM

