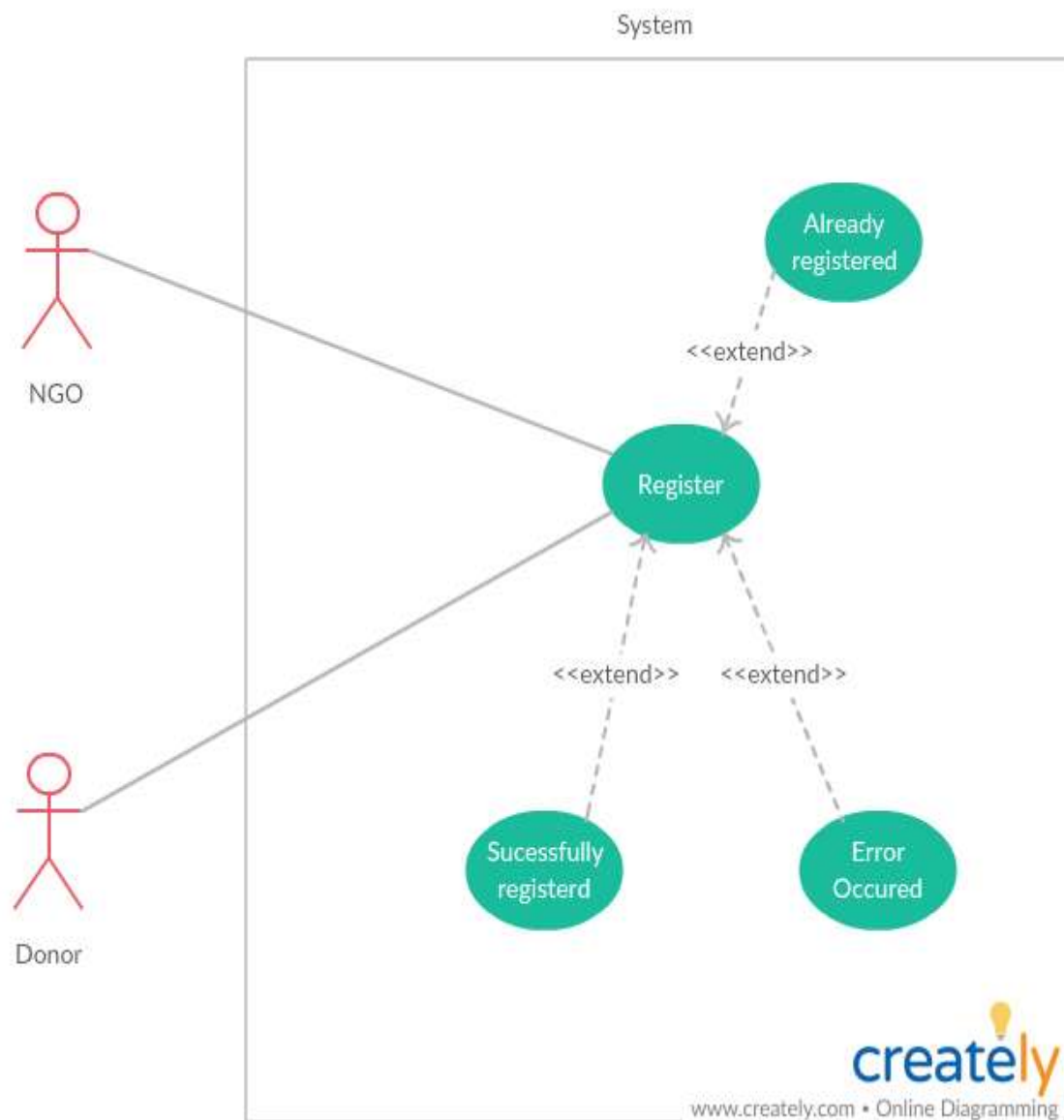
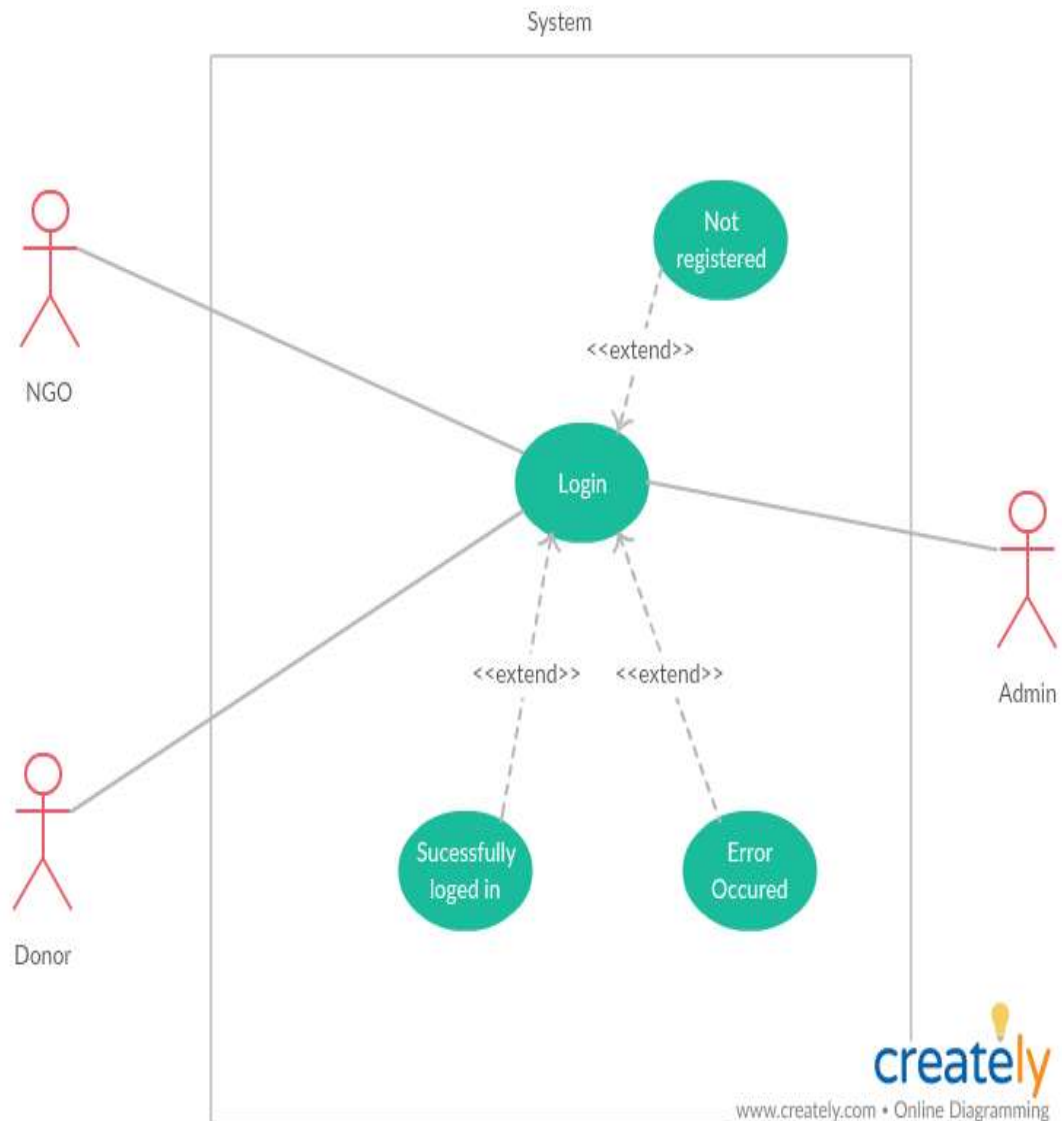


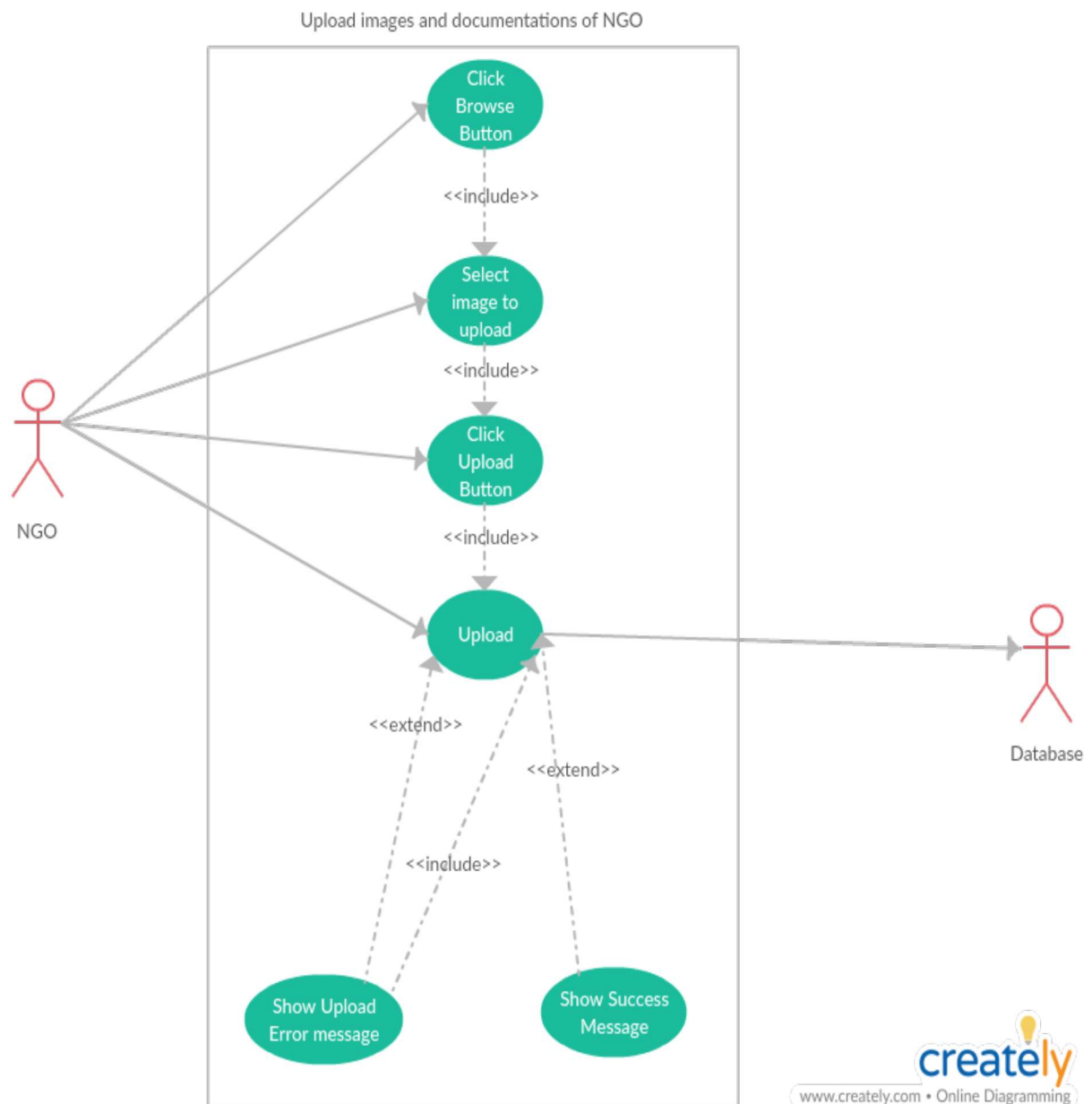
1) Use Case Diagram : Registration



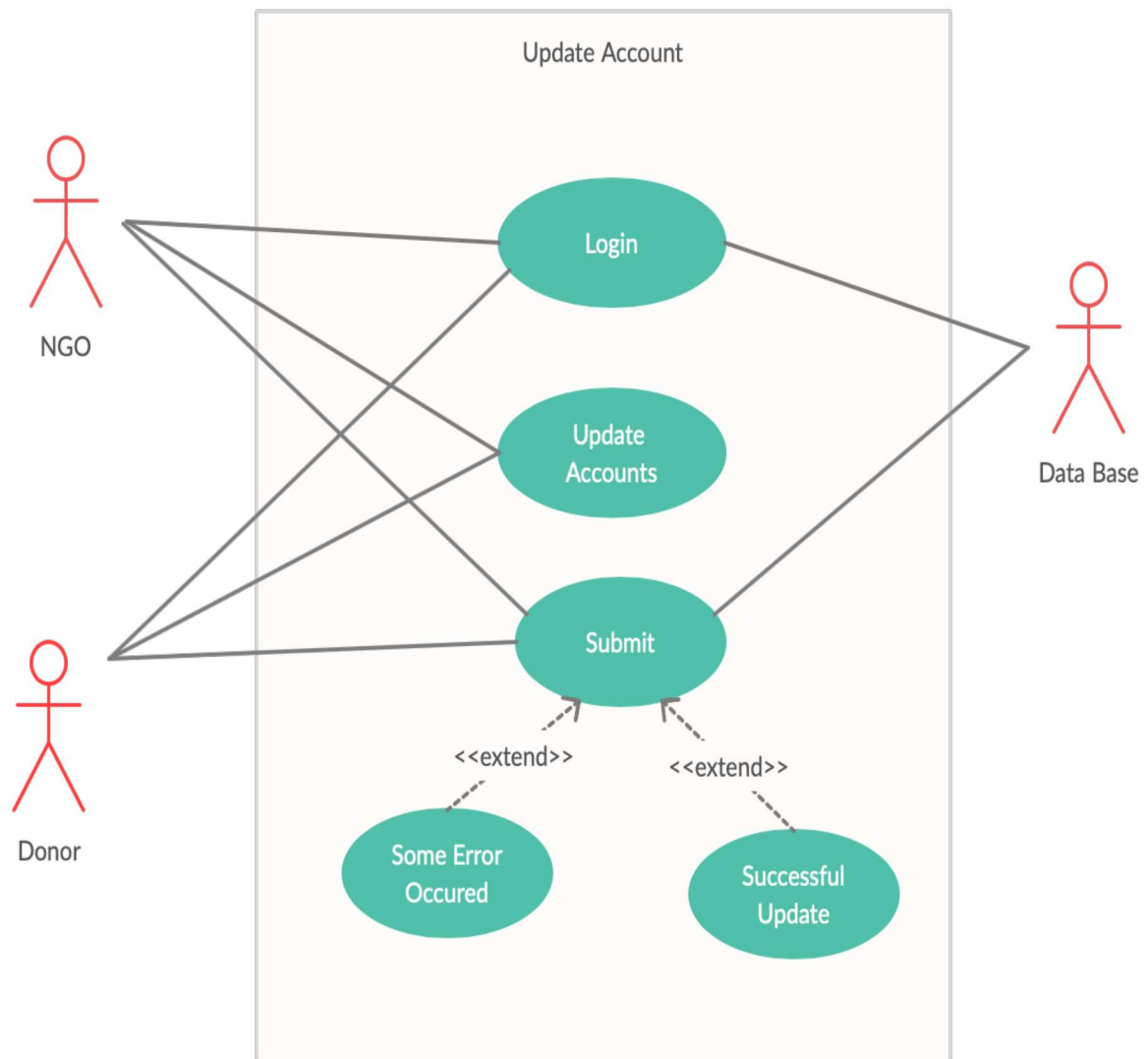
2) Use Case Diagram : Login



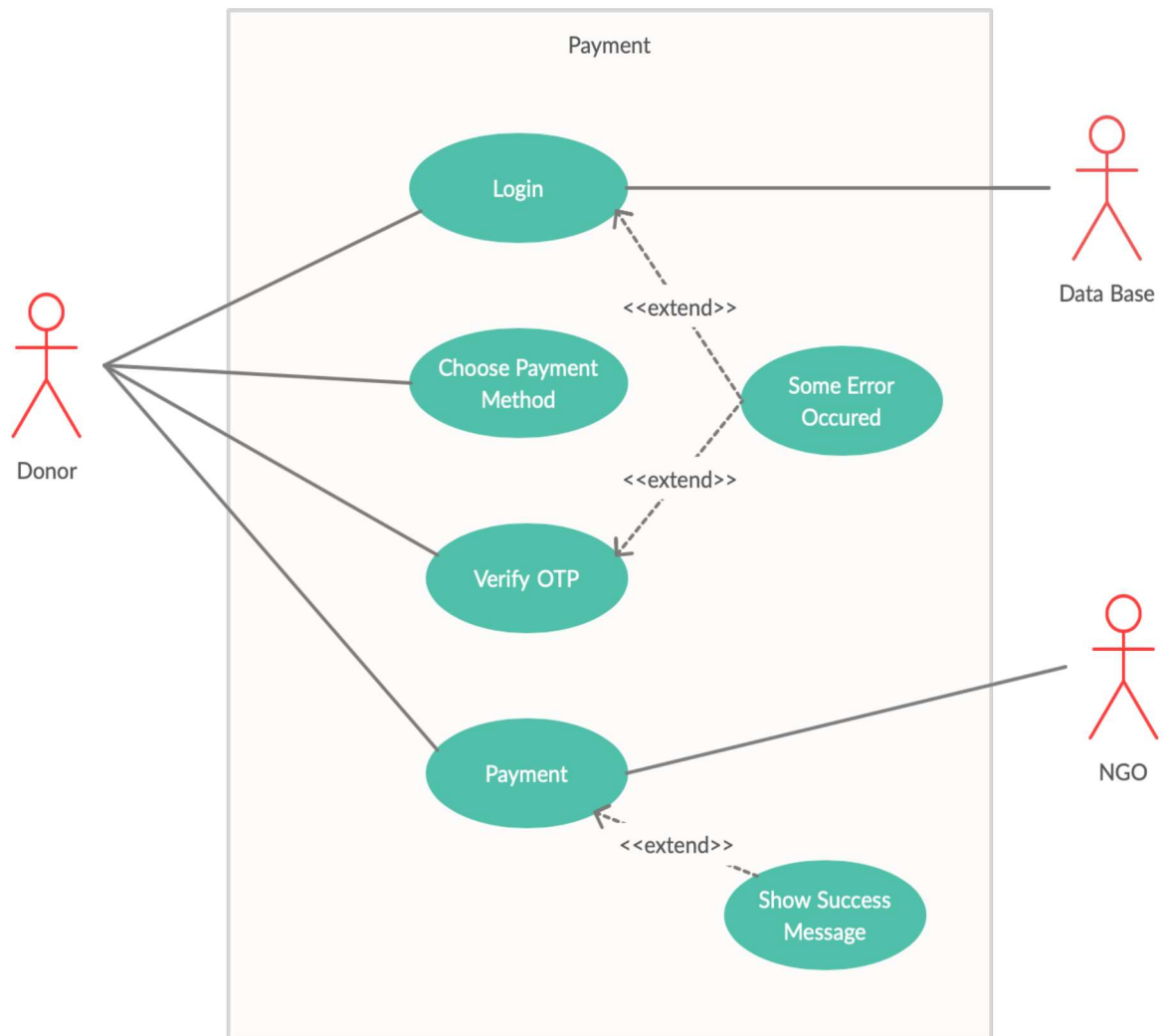
3) Use Case Diagram : NGO uploads



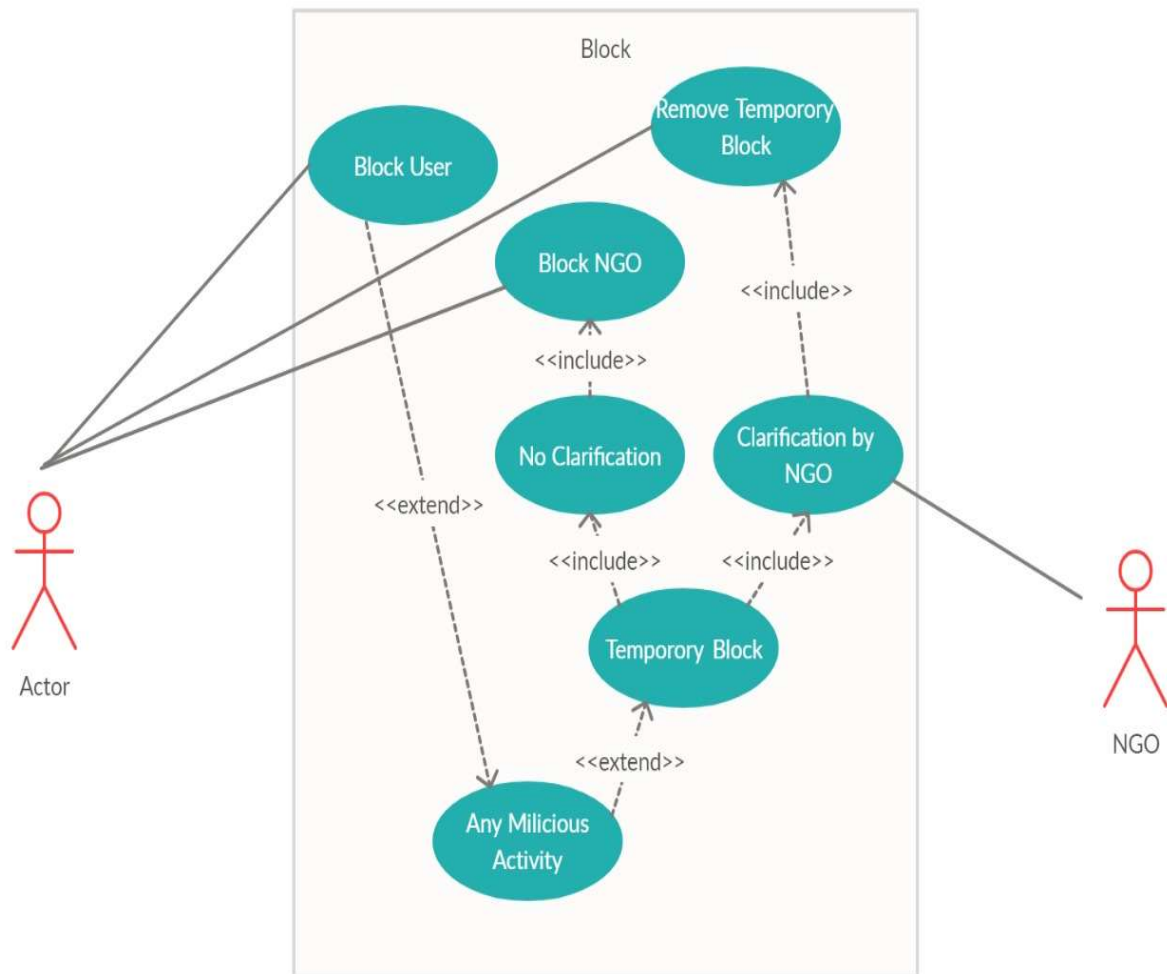
4) Use Case Diagram : Update Account



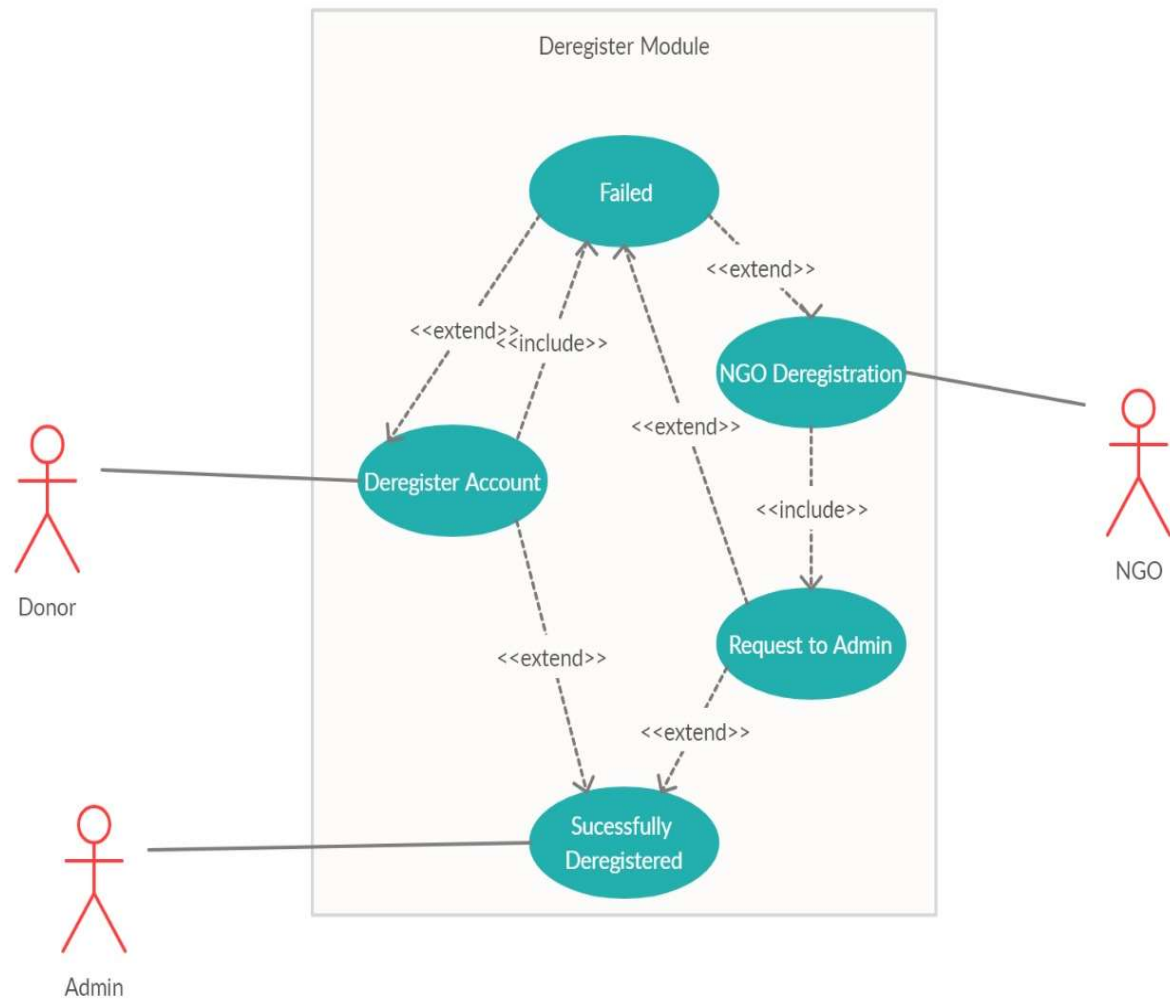
5) Use Case Diagram : Payment



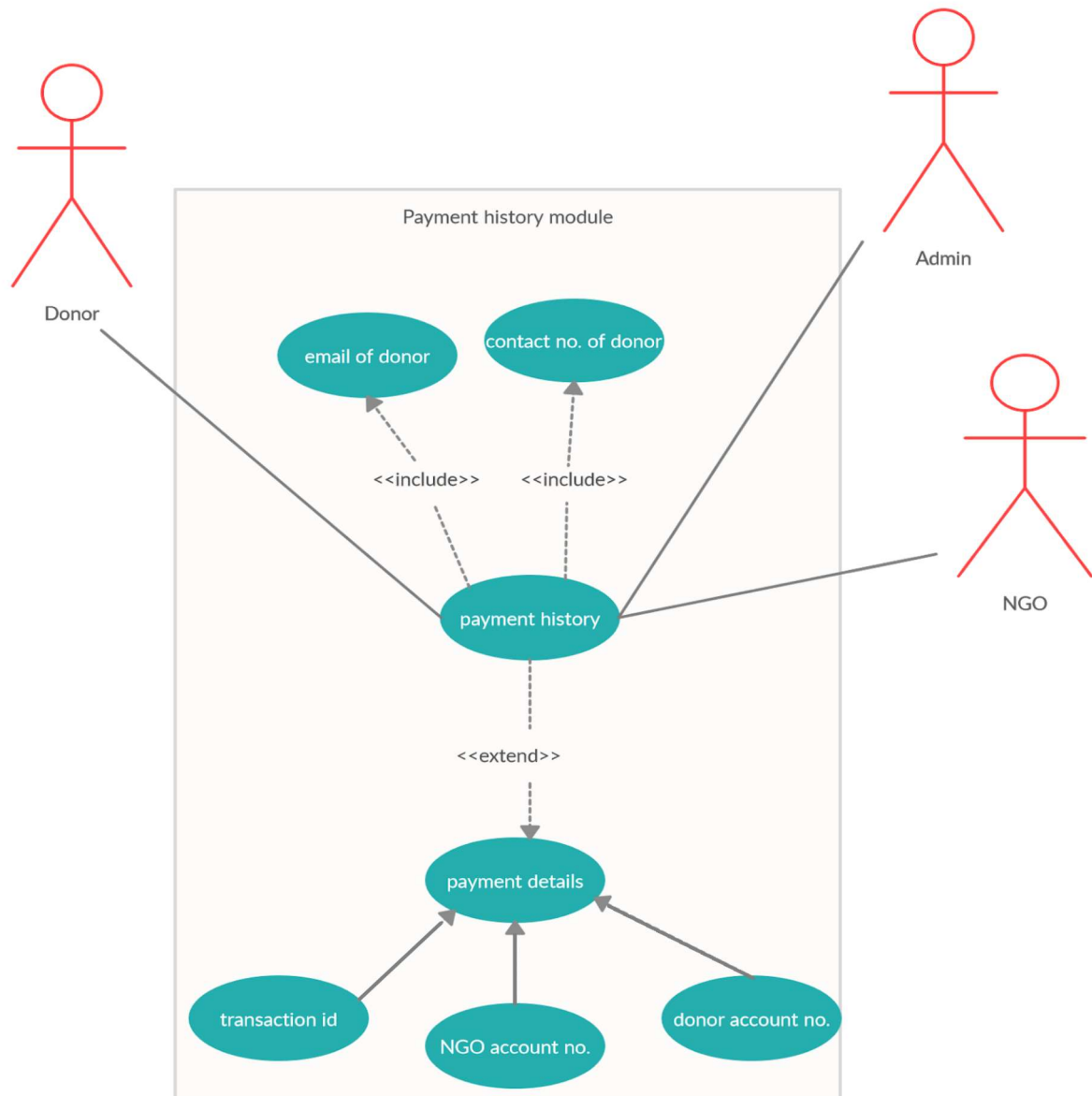
6) Use Case Diagram : Block Account



7) Use Case Diagram : Deregister



8) Use Case Diagram : Payment History



1) Use Case Specification: Register

- **Brief Description**

This use case describes the flow of the registration process in the system.

- **Actor**

- 1) Donor
- 2) NGO

- **Basic Flow**

- 1) NGO goes on home page -> register
- 2) It register providing various bank information ,necessary proof and general information like address, name, contact information.
- 3) On clicking button register all the information goes to admin to verify whether NGO is valid or not as per Indian gov. policy.

- **First Alternative Flows**

- The user doesn't enter all the mandatory fields in the registration form.
- Clicking on the "Register" button, the validation is fired and the user is asked to fill in the

- **Second Alternative Flow**

- The user enters wrong values for some of the fields. For example: In the email field, the user doesn't follow the convention somename@provider.com.
- The validation will be fired when the "Register" button is clicked and the user will be asked to enter a valid email address. Same holds for any other fields which have some patterns to be followed.

- **Third Alternative Flow**

- All the fields have been entered properly.
- The user clicks the “Register” button. Some problems occur while saving the records in the database.
- The records will not be saved and the user will be displayed the message “Registration Failed”.

- **Post Condition**

- On the successful registration of NGO all the information will go to admin it will verify NGO on the basis of Indian government policies, NGO passes validation phase it will be successfully registered and can login through login credentials.
- On the successful register of Donor ,he/she can login through login credentials.

2) Use Case Specification: Login

- **Brief Description**

This use case describes the flow of the login process in the system.

- **Actor**

- 1) Donor
- 2) NGO
- 3) Admin

- **Basic Flow**

- 1) NGO

- NGO goes on home page -> login.
- It provides login credentials and login.

- 2) Donor

- Donor goes on home page -> login.
- It provides login credentials and login.

- 3) Admin

- Admin goes on home page -> login.
- It provides login credentials and login.

- **First Alternative Flows**

- All the fields on the login page are mandatory. The user skips any of the fields and clicks on the Login button.
- The validation is fired asking the user to enter all the mandatory fields.

- **Second Alternative Flow**

- The user doesn't enter the password.
- The validation will be fired when the "Login" button is clicked and the user will be asked to enter a valid password.

- **Third Alternative Flow**

- The user enters incorrect username or password.
- On clicking the “Login” button, the message will be displayed “Incorrect Username or Password” The user will have to again enter the correct details and login.

- **Fourth Alternative Flow**

- All the fields have been entered properly.
- The user clicks the “Login” button. The database connection fails at this point.
- The details can’t be checked at this point and a message is displayed “Couldn’t login. Some error occurred. Please try again”.

- **Fifth Alternative Flow**

- If a user forgot a password then we will provide email to the Registered email address.
- Using email we will give permission to the user to change password.

- **Sixth Alternative Flow**

- If NGO is blocked by admin it will show message that “Your account has been blocked on violation of site policies”.
- If donor is blocked by admin it will show message that “Your account has been blocked on violation of site policies”.

- **Post Condition**

- On the successful login donor will be directed to home page.
- On the successful login NGO will be directed to its home page.

3) Use Case Specification: NGO Uploads

- **Brief Description**

This use case describes the flow of documentation upload process in the system.

- **Actor**

- 1) NGO

- **Basic Flow**

- 1) The user accesses the home page of the site.
- 2) The user clicks on the “Choose file” icon.
- 3) The user selects image/document.
- 4) On clicking the “upload” button, the image/document is successfully saved in the database.

- **Alternative Flows**

- If a user does not upload a file in extensions of .jpg,.jpeg,.png,.pdf,.txt format then by clicking on upload it redirects to the home page and asks to add a proper formatted file.

- **Post Condition**

- The user will redirect to their profile page.

4) Use Case Specification: Update Account

- **Brief Description**

This use case describes the flow for updating the profile of users in the system.

- **Actor**

- 1) Donor
- 2) NGO

- **Basic Flow**

- 1) Donor and NGO first clicks on the “Login” link.
- 2) Donor and NGO can update the required fields and on clicking the “Submit” button, the details are saved in the database.

- **First Alternative Flows**

- The donor/NGO mistakenly skips any of the required fields.
- Clicking on the “Submit” button, the validation is fired and the donor/NGO is asked to fill in the required fields.

- **Second Alternative Flow**

- All the fields have been entered properly.
- The donor/NGO clicks the “Submit” button. Some problems occur while saving the records in the database.
- The records will not be saved and the donor/NGO have to update again.

- **Pre-Condition**

- The donor/NGO must be logged into the system before he/she can update their profile.

- **Post Condition**

- On successful updation, the user will be notified with the message “Profile updated successfully”.

5) Use Case Specification: Payment

- **Brief Description**

This use case describes the flow of payment by donor to NGO in the system.

- **Actor**

- 1) Donor
- 2) NGO

- **Basic Flow**

- 1) Donor clicks on the “Login” link.
- 2) Donor can donate anything they want to donate and by clicking on the “Payment” button, payment will be sent to the NGO.

- **Alternative Flows**

- The donor mistakenly skips or enter wrong details in any of the required fields.
- Clicking on the “Payment” button, the validation is fired and the donor is asked to fill in the required fields.

- **Second Alternative Flow**

- All the fields have been entered properly.
- The donor clicks the “Payment” button. Some problems occur while sending payment to the NGO.
- The Payment will be cancelled and the donor have to do payment again.

- **Pre-Condition**

- The donor must be logged into the system before he/she can update their profile.

- **Post Condition**

- On successful payment, the donor will be notified with the message “Payment sent successfully”.

6) Use Case Specification: Block Account

- **Brief Description**

This use case describes the flow of the blocking account of users and NGO.

- **Actor**

- 1) Admin

- **Basic Flow**

- 1) If a user does any malicious activity on this site and is caught by the Admin.
- 2) Then Admin blocks that user account and deletes data permanently.
- 3) If an NGO is involved in any kind of this activity and misuse of donation money and caught.
- 4) Admin will block that NGO from the website.

- **Post Condition**

- On successful blocking, users will not be allowed to create accounts in the future from the same email address.
- On successful blocking, NGO pages will hide from the site and donors will not be allowed to donate in that NGO.

7) Use Case Specification: Deregister

- **Brief Description**

This use case describes the flow of the deregister users and NGO.

- **Actor**

- 1) Admin
- 2) User
- 3) NGO

- **Basic Flow**

- 1) Users can deregister themselves from this site and data of users will automatically be deleted.
- 2) For the NGO deregistration process, the NGO will request Admin to delete their data from the site.
- 3) Admin check the deregister request and delete the data.

- **Post Condition**

- On successful Registration, users will not be allowed to create accounts in the future from the same email address.
- On successful Registration, NGO pages will hide from the site and donors will not be allowed to donate in that NGO.

8) Use Case Specification: Payment History

- **Brief Description**

This module is responsible for maintaining reliable payment history. The information related to the payment made by the donor will be shared with respective NGO and admin.

- **Actor**

- 1) NGO
- 2) Donor
- 3) Admin

- **Basic Flow**

- 1) The transaction id, account number of both donor and NGO , Email and contact details of the donor will be shared with the NGO and Admin.
- 2) The NGO sends confirms the payment to the admin.

- **Alternative Flows**

- Some problem is reported by the NGO so in that case admin or NGO will contact the donor regarding the problem through email.