Class Diagram

Block Account

+ Attribute: NGO_Account
- Attribute: Donor_Account

- Temporary_Block_NGO()
- Permanent_Block_NGO()
- Block_User()

Admin

- Email Address
- Password

- BlockAccount()
+ PaymentHistory()
+ viewNGOs()
+ ViewDonors()

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Login

Email
- Password

- Validate()
- Home()
- register()

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<<extend>>

Forgot password

Email
- Password

-validate email address()

User

+ Name
# Email
- Password

+ Login()
+ Signup()

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NGO Uploads

+Upload Photos
+Upload Document

- CheckImageFormat()
- CheckDocumentFormat()
+ Add Photos():
+ Remove Photo(PID):
+ Add Documents():
+ Remove Document(DID):

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Update Account

Email
- Contact_No
- Photos

+ Edit_email()
+ Edit_contact_No()

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NGO_Home

Name

NGO_upload()
Update_Account()
Deregister()
Payment Histroy()

1

Donor_Home

Name

Donate()
Deregister()

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Register

Email
- Password

- Validate()
- Home()
- Login()

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NGO_Deregister

- NGO_Account

-
Request_to_Admin_for_NGO_Deregistrer()
- Deregister_NGO()

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Donate

- cardOwner
- cardNumber
- expirationDate

+ Success()
+ Error()

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Deregister

- Donor_Account

- Deregister donor's account()

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NGO register

+ NGO name
+Trustee Name
+NGO email address
+Trustee email address
+Description
+contact no
+NGO type
#Bank account no.
#UPI ID

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Donor register

+ First Name
+ Last: Name
- birthdate
- contact no
+ upload profile pic

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Donation History

+ NGO_Donation
- User_Donation

- NGO_total_Donation()
- User_total_Donation()

CRC

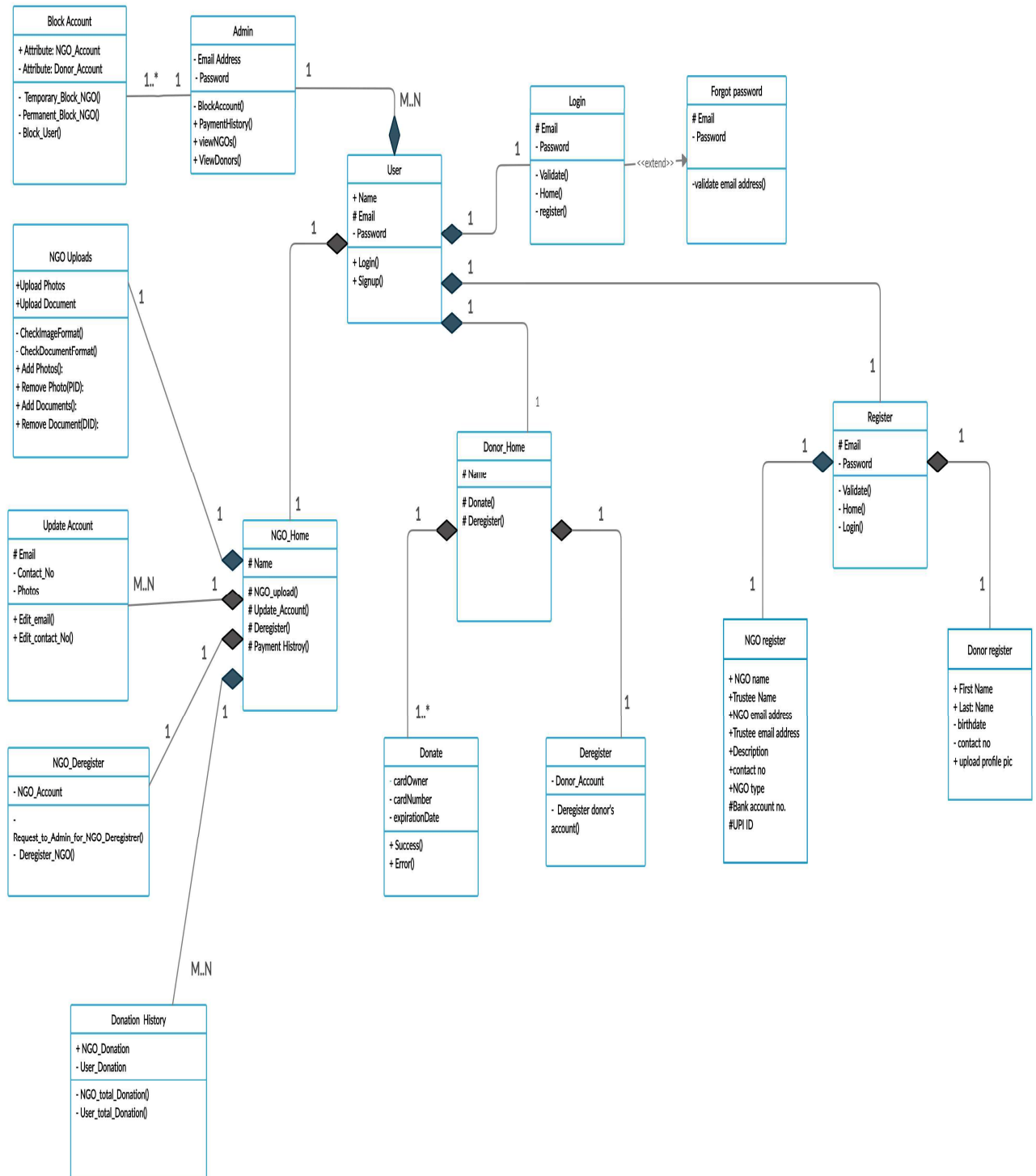| NGO Register	
- First check it that NGO had register or not. - if already registered then redirect to login page. - else send request to admin.	Admin

Donor Register	
- First check it that it will registered or not. - if already registered then redirect to login page - else register and redirect to login page	

NGO Login	
- First check it for valid login credentials. - if valid then redirect to NGO dashboard - else redirect to again login page.	NGO Register

Donor Login	
- first check it for valid login credential. - if valid then redirect to Donor dashboard page. - else redirect to again Donor login page	Donor Register

NGO Uploads	
- First check it for valid extention format(like if photos then strictly .jpg/.jpeg format and if document then strictly .pdf format). - if valid then upload that photo or document on homepage by dynamicalley - else show error message and redirect to upload documentation page	NGO register

Block User	
• if any malicious activity founds then block the user.	• Admin • Donor

Block NGO	
• if any malicious activity founds then temporary block NGO. • if clarification by NGO then remove temporary block. • else permanent block.	• Admin • NGO

NGO Update Account	
• it will update account details as per given by NGO.	

Donation	
• if payment is not successful then it will show error. else it will show payment success message.	

NGO Deregister	
• Sent a request to admin for deregister.	• Admin • NGO

User Deregister	
• Direct deregistered and all related data removed.	• Donor

Donation History	
• payment details send to admin and NGOs.	

Thank You!