

Practical 6

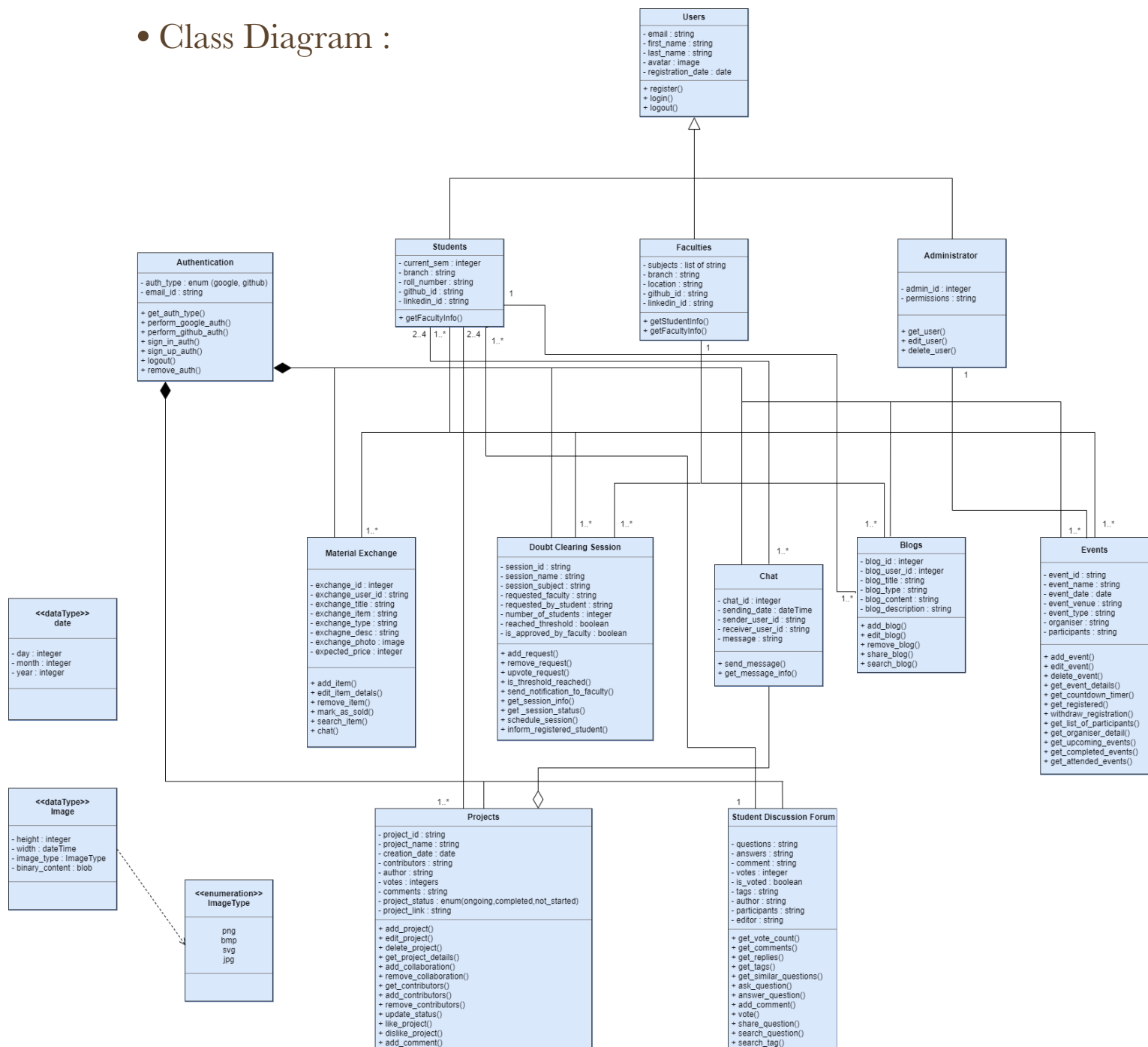
Student Helper Portal

22 October 2021

Class Diagram and CRC Index

Design class diagram & CRC index cards

• Class Diagram :



Class: Users	
Responsibilities	Collaborators
Registering for a new user	Students, Faculties, Administrator
Logging into the account	Students, Faculties, Administrator
Logging out of the account	Students, Faculties, Administrator

Class: Students	
Responsibilities	Collaborators
Getting the faculty information	

Class: Faculties	
Responsibilities	Collaborators
Getting the faculty information	
Getting the students information	

Class: Administrator	
Responsibilities	Collaborators
Getting the information of a user	
Editing the information of a user	
Deleting a user	

Class: Authentication	
Responsibilities	Collaborators
Getting the type of authentication	Students, Faculties, Administrator
Performing authentication via Google	Students, Faculties, Administrator
Performing authentication via Github	Students, Faculties, Administrator
Authentication for sign in	Students, Faculties, Administrator
Authentication for sign up	Students, Faculties, Administrator
Logging out	Students, Faculties, Administrator
Remove authentication	Students, Faculties, Administrator

Class: Material Exchange	
Responsibilities	Collaborators
Adding the item for exchange	Students
Editing the details of item listed	Students
Removing the listed item	Students
Marking item as sold	
Searching through listed items	Students
Chatting for negotiations	Students, Chat

Class: Doubt Clearing Session	
Responsibilities	Collaborators
Adding doubt clearing session request	Students
Removing doubt clearing session request	Students
Upvoting for doubt clearing session request	Students
Check if threshold for request is reached	Students, Faculties

Send notification to faculty for session	Faculties
Getting the session information	Students, Faculties
Getting the status of session	Students, Faculties
Schedule for a doubt solving session	Faculties
Inform the students registered for a particular session	Students, Faculties

Class: Chat	
Responsibilities	Collaborators
Sending message to the other party	Students
Getting information regarding the message	Students

Class: Blogs	
Responsibilities	Collaborators
Add blog	Students, Faculties
Edit blog	Students, Faculties
Remove blog	Students, Faculties
Share blog	
Search for blog	

Class: Events	
Responsibilities	Collaborators
Adding event	Students
Editing event	Students
Deleting event	Students
Getting event details	
Getting countdown timer	
Get registered for event	
Withdrawing registration	Administrator, Students
Getting list of participants	
Getting organiser details	
Get list of upcoming events	
Get list of completed events	
Get list of attended events	

Class: Projects	
Responsibilities	Collaborators
Add project	Students
Edit project	Students
Delete project	Students
Get project details	
Add collaboration	Students
Remove collaboration	Students
Get contributors	
Add contributors	Students
Remove contributors	Students
Update status	
Like project	Students

Dislike project	Students
Add comment	Students

Class: Student Discussion Forum	
Responsibilities	Collaborators
Get vote count	Students
Get comments	
Get replies	
Get tags	
Get similar questions	Students
Ask questions	
Answer questions	Students
Add comments	Students
Vote	
Share question	
Search question	
Search tag	