Use Case ID:	CD0	CD01				
Use Case Name:	Manage account					
Created By:	Nitin		Last Updated By:	Nitin		
Date Created:	24-03-2021		Date Last Updated:	03-06-2021		
Ac	ctors: Student, Teacher					
Descrip	Description:		A user (student, teacher) can log in, register to their account, and update.			
Preconditi	ions:	The user is already registered in the institution's database.				
Postconditi	Postconditions:		The user is redirected to the home page or the next page he requested.			
Normal F	ilow:	1.1.2 - Enter of 1.1.3 - Enter of 1.1.4 - Re-ent 1.2 - Login 1.2.1 - Enter of 1.2.2 - Enter of 1.3 - Update acc 1.3.1 - Enter of 1.3.2 - Upload 1.4 - Forgot pass 1.4.1 - Enter of 1.4.2 - Click of	new email (A-1) d a profile picture (A-5)	nfirm (A-3)		
Alternative Fl	ows:					
Excepti	ions:	-				

Includes:	-	
Priority:	Medium	
Frequency of Use:	Frequently	
Business Rules:	 The user's details are entered manually by the administrator into the database. If a user has wants to have teacher privileges, they must contact the administrator. 	
Assumptions:	 An administrator enters the details of every user correctly and manually after verifying. The system is installed for a particular school in an institution. So a user's institution, the school are not required. 	

Use Case ID:	CD02				
Use Case Name:	Create exam				
Created By:	Nitin		Last Updated By:	Nitin	
Date Created:	24-03-2021		Date Last Updated:	11-06-2021	
Actor	s: Teacher				
Description	security cod with the stu	teacher creates an exam on a specific topic and schedules it. A writy code protects the exam that the teacher creates and shares the students just before the exam starts. In addition, the teacher eads a question paper which is stored in the file system.			
Precondition	s: The teache	r is already l	ogged in.		
Postcondition	ns: The exam is created and scheduled.				
Normal Flov	2.2 - Enter 2.3 - Enter 2.4 - Enter	2.1 - Enter the topic (A-1) 2.2 - Enter the date and the time of the exam (A-2) 2.3 - Enter the duration of the exam (A-3) 2.4 - Enter exam code (A-4) 2.5 - Upload questions (A-5)			
Alternative Flow	A-1 - If the display and A-3 - If the display and A-4 - If the message. A-5 - If the an error me	A-1 - If the exam is created in the past (before the current time), display an error message. A-3 - If the duration is entered in a different metric, or not an integer, display an error message A-4 - If the length of the code is below 3 or above 6, show an error			
Exception	The teacher sets the time on a different scale.				
Include	: Login				
Priorit	: High				
Frequency of Use	e: Frequently	: Frequently			
Business Rule	s: • The	: • The teacher uploads the correct format of questions.			
Assumption	It is assumed that the teacher creates an exam for the course they are teaching and uploads the specified format.				

Use Case ID:	CD03				
Use Case Name:	Join exam				
Created By:	Nitin		Last Updated By:	Nitin	
Date Created:	24-03-2021		Date Last Updated:	14-06-2021	
Actor	s: Student				
Descriptio	n: The student attempts the		ne exam by identifying himself with the system.		
Precondition	s: The	s: The student is already logged in.			
Postcondition	rs: The student can view the questions.				
Normal Flow	- 1	3.1 - Enter the exam code (A-1) (A-3) 3.2 - Capture the face image (A-2)			
Alternative Flows: A-1 - If the exam code is incorrect, show an error message A-2 - If the face is not recognized/identified, display an err and redirect to the same screen. A-3 - If the exam has not started or been completed, show messages.			ay an error message		
Exception	s: The	The student does not have a camera inbuilt into his system.			
Include	s: Cre	Create exam			
Priorit	y: Higl	High			
Frequency of Us	e: Fred	Frequently			
Business Rule	s:	The student attempts the exam he is allowed to attempt.			
Assumption	s:	It is assumed that the student will upload his face image in the profile section.			

Use Case ID:	CD02				
Use Case Name:	Detect cheating				
Created By:	Nitin		Last Updated By:	Nitin	
Date Created:	24-03-2021		Date Last Updated:	20-06-2021	
Actor	rs: -				
Descriptio		stem detects any suspicious activity from the video frames while ident attempts the exam and stores them for further reference.			
Precondition	s: The student has joined the exam.				
Postcondition	s: Suspected frames stored.				
Normal Flov	4.2 - D	4.1 - Detect faces (A-1) (A-3) 4.2 - Detect eyes 4.3 - Detect objects (A-2) (A-3)			
Alternative Flows: A-1 - If the number of A-2 - If mobile phone			faces is greater than one give a warning sound. s or laptops are detected, show a warning. warnings has crossed the limit, store the		
Exception				too low to detect	
Include	s: Join Ex	Join Exam			
Priorit	y: High	High			
Frequency of Us	e: Freque	Frequently			
Business Rule	s: •	The student is equipped with the necessary hardware.			
Assumption	s: •	It is assumed that the student's surroundings are clean which are away from the frame.			

Use Case ID:	CD02				
Use Case Name:	Manage results				
Created By:	Nitin	Last Updated By:	Nitin		
Date Created:	25-06-2021	Date Last Updated:	29-06-2021		
Actor	s: Teacher				
Descriptio	n: The teacher assigns ma suspicious annotated fr	rks to students based on their responses and rames (if any).			
Precondition	ns: The user is already logged in.				
Postcondition	ns: The marks are updated.				
Normal Flow	5.1 - Select the exam to correct				
	5.2 - Select the user to correct their responses				
	•	5.3 - Update marks (A-1)			
Alternative Flow	vs: A-1 - If the marks are out of the range show a warning message.				
Exception	: The user has left some questions unattempted.				
Include	Login				
Priorit	: High				
Frequency of Us	Frequently				
Business Rule		The teacher updates the marks in the correct pattern and within the marking range.			
Assumption	• It is assumed that the student attempts all the questions.				