# **TCU Computer Science**

# Instructional Equity Observing Tool Use Cases

Version <1.2>

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Use Cases	Date: <4/25/2023>

# **Revision History**

Date	Version	Description	Author
9/30/2022	1.0	Created initial document and Use cases	Rory McCrory, Micah Collins, Sam Callan, Yilika Loufoua
10/23/2022	1.1	Modified Use Case 2	Rory McCrory, Micah Collins, Sam Callan, Yilika Loufoua
4/25/2023	1.2	Finalized Use Cases from created Product	Rory McCrory, Micah Collins, Sam Callan

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### **Use Cases**

#### Use Case ID and Name

Give each use case a unique integer sequence number identifier. State a concise name for the use case that indicates the value the use case would provide to some user. Begin with an action verb, followed by an object.

#### **Author and Date Created**

Enter the name of the person who initially wrote this use case and the date it was written.

#### **Primary and Secondary Actors**

An actor is a person or other entity external to the software system being specified who interacts with the system and performs use cases to accomplish tasks. Different actors often correspond to different user classes, or roles, identified from the Customer community that will use the product. Name the primary actor that will be initiating this use case and any other secondary actors who will participate in completing execution of the use case.

#### Trigger

Identify the business event, system event, or user action that initiates the use case. This trigger alerts the system that it should begin testing the preconditions for the use case so it can judge whether to proceed with execution.

#### **Description**

Provide a brief description of the reason for and outcome of this use case, or a high-level description of the sequence of actions and the outcome of executing the use case.

#### **Preconditions**

List any activities that must take place, or any conditions that must be true, before the use case can be started. The system must be able to test each precondition. Number each precondition. Example: PRE-1: User's identity has been authenticated.

#### **Postconditions**

Describe the state of the system at the successful conclusion of the use case execution. Label each postcondition in the form POST-X, where X is a sequence number. Example: POST-1: Price of item in the database has been updated with the new value

#### Main Success Scenario/Normal Flow

Provide a description of the user actions and corresponding system responses that will take place during execution of the use case under normal, expected conditions. This dialog sequence will ultimately lead to accomplishing the goal stated in the use case name and description. Show a numbered list of actions performed by the actor, alternating with responses provided by the system. The normal flow is numbered "X.0", where "X" is the Use Case ID.

#### **Extensions:**

#### • Alternative Flows

Document other successful usage scenarios that can take place within this use case. State the alternative flow, and describe any differences in the sequence of steps that take place. Number each alternative flow in the form "X.Y", where "X" is the Use Case ID and Y is a sequence number for the alternative flow. For example, "5.3" would indicate the third alternative flow for use case number 5. Indicate where each alternative flow would branch off from the normal flow, and if pertinent, where it would rejoin the normal flow.

#### • Exceptions

Describe any anticipated error conditions that could occur during execution of the use case and how the system is to respond to those conditions. Number each alternative flow in the form "X.Y.EZ", where "X" is the Use Case ID, Y indicates the normal (0) or alternative (>0) flow during which this exception could take place, "E" indicates an exception, and "Z" is a sequence number for the exceptions. For example "5.0.E2" would indicate the second exception for the normal flow for use case number 5. Indicate where in the normal (or an alternative) flow each exception could occur.

#### **Priority**

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Indicate the relative priority of implementing the functionality required to allow this use case to be executed. Use the same priority scheme as that used for the functional requirements.

#### Frequency of Use

Estimate the number of times this use case will be performed per some appropriate unit of time. This gives an early indicator of throughput, concurrent usage loads, and transaction capacity.

#### **Business Rules**

List any business rules that influence this use case. Don't include the business rule text here, just its identifier so the reader can find it in another repository when needed.

#### **Associated Information**

Identify any additional requirements, such as quality attributes, for the use case that may need to be addressed during design or implementation. Also list any associated functional requirements that aren't a direct part of the use case flows but which a developer needs to know about. Describe what should happen if the use case execution fails for some unanticipated or systemic reason (e.g., loss of network connectivity, timeout). If the use case results in a durable state change in a database or the outside world, state whether the change is rolled back, completed correctly, partially completed with a known state, or left in an undetermined state as a result of the exception.

#### Assumptions

List any assumptions that were made regarding this use case or how it might execute.

#### **Use Case List**

Primary Actor	Use Cases
Customer	UC-01: Customer uploads a video file
	UC-02: Customer requests an analysis
	UC-03: Customer cancels an analysis request
	UC-04: Customer saves analysis results
	UC-05: Customer deletes analysis report from Account
	UC-06: Customer saves analysis report to Account
	UC-07: Customer loads analysis report from Account
	UC-08: Customer creates an Account
	UC-09: Customer categorizes a Question
	UC-10: Customer removes sentence from Question list
	UC-11: Customer adds a Question from Transcript
	UC-12: Customer logs into Account
	UC-13: Customer Edits the text of a Sentence in the Transcript
	UC-14: Customer Re-labels speaker of a Sentence in the Transcript
	UC-15: Customer names an Analysis File
	UC-16: Customer Uploads a new Recording
	UC-17: Customer Adds Sentence to the Transcript

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# Use Case 01: Customer uploads a Video File

UC ID and Name:	UC-01: Upload a video file		
Created By:	Micah Collins	Date Created:	10/1/2022
Primary Actor:	Customer	Secondary Actors:	
Trigger:	The Customer uploads a vide	o file to be processed.	
Description:	The Customer wants to uploa	nd a video file, so that an	nalysis of the video file may take
	place and results outputted.		
Preconditions:	PRE-1. Customer is logged in	n (*optional*).	
Postconditions:	POST-1. The video file is up	loaded to database for p	rocessing.
Main Success	<ol> <li>Customer indicated to u</li> </ol>	pload a video file.	
Scenario:	2. Customer selects file to		
	3. Customer submits file for		
	4. System notifies the Cus	tomer of successful file	upload
	5. Use case ends		
Extensions:	2a. Customer exits file selec		
	2a1. The System exists file selection and returns to prompt Customer for file or user		
	chooses to terminate the use case.		
	3a. The System detects file size to be too large		
	3a1. The System alerts the Customer that the requested upload is above specified size		
	boundaries.		
	3a2. The Customer either chooses to correct the mistake and returns to step 2 of		
	normal flow or chooses to terminate the use case.		
	3b. The System detects file to be incorrect type		
	3b1. The System alerts the Customer that the requested upload is not of specified type.		
	3b2. The Customer either chooses to correct the mistake and returns to step 2 of		
	normal flow or chooses to terminate the use case.		
Priority:	High		
Frequency of Use:	Approximately 4 users, average of 10 usages per week.		
Business Rules:	Security/access concerns.		
Associated	Notification:		
Information:	The System notifies the Customer that the analysis has been requested and is		
	being generated.		
Related Use Cases			stomer saves analysis to a file, UC-
	User Cannot Close Tab While Uploading File		
Assumptions:	User is logged in/registered.		
Open Issues:			

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### Use Case 02: Customer requests an analysis

The Customer can request an instructional analysis of the video file that was uploaded.

UC ID and Name:	UC02-: Request an analysis		
Created By:	Sam Callan	Date Created:	10/2/2022
Primary Actor:	User (Teacher, analyst)	Secondary Actors:	
Trigger:	The User indicates to request an analysis.		
Description:	The User wants to retrieve ar		
Preconditions:	PRE-1. The User has uploade		
Postconditions:	POST-1. The User is presented	ed with the option to car	ncel the analysis or save it to a file.
Main Success	1. The User indicates t	hat they would like to re	equest an analysis.
Scenario:	2. The System receives	s the video file.	
	3. The System generat	es the analysis based on	the video file.
	4. The System displays	s the analysis to the Use	er.
	5. The System then pro	esents the option to Savo	e it to a file on local machine.
	6. The System saves d	ata object from analysis	automatically to user's account.
	7. Use case ends.		
Extensions:	2a. There is an error in the analysis process		
	2a.1. The System will exit the analysis process.		
	2a.2. The System will present a message displaying that there was an error.		
	2a.3. The User will read the message and return to Step 1 of the normal flow.		
	3a. The User decides to cancel analysis during or right before generation begins.		
	3a.1. The System will exit the analysis process.		
	3a.2. The System will present a message displaying that the analysis was canceled.		
	3a.3. The User will read the message and return to Step 1 of the normal flow.		
Priority:	High		
Frequency of Use:	Average of 1-2 usages per we	eek.	
Business Rules:			
Associated	Notification:		
Information:	<ul> <li>The System notifies</li> </ul>	the Customer that the a	nalysis has been requested and is
	being generated.		
Related Use Cases:	UC - Customer cancels reque	ested analysis, UC - Cus	stomer saves analysis to a file
Assumptions:	The file type/size has been va		-
•	File has been uploaded.		
Open Issues:	N/A		

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# Use Case 03: Customer cancels a requested file analysis

UC ID and Name:	UC-03: Cancel a submitted request		
Created By:	Yilika Loufoua	Date Created:	10/2/2022
Primary Actor:	User	Secondary Actors:	
Trigger:	A User indicates to cancel a submitted file analysis request		
Description:	A Customer wants to cancel	a request so that they ca	in remove the uploaded file from the
	database and prevent any pro		
Preconditions:		d or is uploading a vide	to file to be analyzed but then wishes
	to cancel the operation.		
Postconditions:		deleted from the databa	ase and the user-facing system is reset
	to initial state.		
Main Success			the submitted audio/video file.
Scenario:		cancellation warning a	nd asks the Customer to confirm the
	cancellation.		
	3. The Customer reads the warning and confirms the cancellation.		
	4. The System retrieves the cancellation confirmation.		
	5. The System terminates the uploading process if incomplete, or deletes the file from		
	<ul><li>its database if the uploading process is complete.</li><li>The System displays a message confirming that cancellation has been completed.</li></ul>		
	7. The System resets its interface to the initial state.		
	8. Use case ends.		
Extensions:	3a. The user reads the warr	ing and revokes the c	ancellation
Extensions.	3a1. The system returns t		ancenation.
Priority:	Medium	o no procondition.	
Frequency of Use:	Approximately 2-3 times for every 10 times the user requests a file analysis		
Business Rules:	N/A		
Associated	No current plan to create a database for the system		
Information:	1	J	
Related Use Cases:	UC-02:Uploading video files		
Assumptions:	The user understands that they can cancel the analysis if they so wish.		
Open Issues:	N/A		

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### Use Case 04: Customer saves analysis to file

UC ID and Name:	UC-04: Save analysis results		
Created By:	Rory McCrory	Date Created:	10/2/22
Primary Actor:	Customer/Instructor	Secondary Actors:	Customer/Instructor
Trigger:	Customer indicates that they	want to save the analys	is provided by the model
Description:	The Customer wants to save	the analysis report that	is created by the model in the form of
	a PDF.		
Preconditions:		to correctly upload the	recording that they would like to be
	analyzed.		
	PRE-2. The model is able to		
		ough available space in	order to save the recording to their
	own system.	1: 1 0 0 10	
Postconditions:			port on the Customer's device.
Main Success			he analysis provided by the model.
Scenario:	2. The system exports the analysis report to a pdf.		
	3. The Customer chooses where to save the file on their device.		
	<ol> <li>The system saves the file to the given location.</li> <li>Use case ends.</li> </ol>		
Extensions:	3a. The Customer chooses to cancel the save on their device.		
Extensions:	3a1. The system does awa		
			f the report before they indicated they
	wanted to save to a file.	agni back to the page of	the report before they indicated they
Priority:	Low		
Frequency of Use:	i	age of one usage per da	y. Peak usage load for this use case is
1 ,	ongoing throughout the dayti		
Business Rules:			device to save, the system shall let the
	Customer know it cannot be saved.		
Associated	Notification:		
Information:			essful or unsuccessful download.
Related Use Cases:			is to User Account, UC- User deletes
	analysis report from account		
Assumptions:			
Open Issues:			

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# Use Case 05: Customer deletes analysis report from account

UC ID and Name:	UC-05: Delete analysis report		
Created By:	Rory McCrory	Date Created:	03/27/23
Primary Actor:	Customer/Instructor	Secondary Actors:	Customer/Instructor
Trigger:	Customer indicates that they	want to delete the analy	vsis, provided by the model, that is
	stored under their account.		
Description:		e the analysis report tha	t is created by the model and saved
	under their account.		
Preconditions:		to correctly upload the	recording that they would like to be
	analyzed.	C 11 4 11	1 1 4 1
	PRE-2. The model is able to		
Do ato an diti ana			roduced report to the user's account.
Postconditions:	POST-1.The analysis is deleted from the user's account.		
Main Success	1. The Customer indicates that they want to delete an analysis report under their		
Scenario:	account.  2. The system deletes the report from the Customer's account page.		
	2. The system deletes in 3. Use case ends.	the report from the Cust	omer's account page.
Extensions:		la agusal 4h a dala4'au a	£ 4h a man ant
Extensions:	1a. The Customer chooses to 1a1. The system keeps the		
Priority:	1a2. The Customer is brought back to their account page.  Low		
Frequency of Use:		age of one usage ner da	y. Peak usage load for this use case is
requestey of obe.	ongoing throughout the dayti		
Business Rules:	None		
Associated	Notification:		
Information:	The system notifies the Customer of a successful or unsuccessful deletion.		
Related Use Cases:	UC- Requests an analysis, UC-System Saves Analysis to User Account		
Assumptions:			
Open Issues:			

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### Use Case 06: Customer saves analysis report to Account

UC ID and Name:	UC-06: Save analysis report to account				
Created By:	Rory McCrory				
Primary Actor:	Customer/Instructor	Secondary Actors:	Customer/Instructor		
Trigger:	Customer indicates that they account.	want to save the analys	is provided by the model to their		
Description:			is created by the model in the form of redisplayed instantly.		
Preconditions:	PRE-1. The Customer is able to correctly upload the recording that they would like to be analyzed.  PRE-2. The model is able to successfully transcribe and analyze the recording.  PRE-3. The Customer has enough available space in their bucket in order to save the analysis to their S3 bucket.				
Postconditions:	POST-1. The analysis is saved in the form of a data object containing the analysis that can later be redisplayed instantly.				
Main Success Scenario:	<ol> <li>The Customer indicates that they want to save the analysis provided by the model.</li> <li>The system saves the file to the user's S3 bucket linked to their account.</li> <li>Use case ends.</li> </ol>				
Extensions:	N/A				
Priority:	Low				
Frequency of Use:	Approximately () users, aver ongoing throughout the dayti		y. Peak usage load for this use case is 11pm.		
Business Rules:	If the Customer doesn't have enough space in S3 bucket to save, the report shall not be saved.				
Associated	Notification:				
Information:	The system notifies the Customer of a successful or unsuccessful save.				
Related Use Cases:	UC- Requests an analysis, U analysis report from account	C-System Saves Analys	is to User Account, UC- User deletes		
Assumptions:					
Open Issues:					

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### Use Case 07: Customer loads analysis report from Account

UC ID and Name:	UC-07: Load analysis report to account		
Created By:	Micah Collins	Date Created:	04/24/23
Primary Actor:	Customer/Instructor	Secondary Actors:	Customer/Instructor
Trigger:	Customer indicates that they	want to load a saved re-	port from their account.
Description:			ysis report from their account in order
	to review or share the analys		
Preconditions:	PRE-1. The Customer is logg		
	PRE-2. The Customer has at		
Postconditions:		is report is loaded, and	the Customer can review or share the
	analysis.		
Main Success	1. The Customer logs		
Scenario:		sses their account page.	
	3. The Customer selects a saved report from the list of saved reports in their		
	account page.		
	<ol> <li>The Customer indicates to load the selected report.</li> <li>The system loads the saved analysis report and displays it on the analysis page.</li> </ol>		
	6. Use case ends.	e saveu anarysis report	and displays it on the analysis page.
	o. Ose case chas.		
Extensions:	3a. The Customer decides to	delete a saved report.	
	3a1. The Customer indicates		eport.
	3a2. The system deletes the saved report and removes it from the account page.		
Priority:	Medium		
Frequency of Use:	Approximately 10 times per day.		
Business Rules:	None		
Associated	The system notifies the Customer that the report has been successfully loaded and is		
Information:	displayed on the analysis page.		
Related Use Cases:	UC-06: Save analysis report to account, UC-05: User deletes analysis report from account		
Assumptions:			
Open Issues:			

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### Use Case 08: Customer creates an Account

UC ID and Name:	UC-08: Create Account			
Created By:	Micah Collins	Date Created:	04/24/23	
Primary Actor:	Customer/Instructor	Secondary Actors:		
Trigger:	Customer indicates that they	want to create a new ac	count.	
Description:	The Customer wants to creat	e a new account in orde	r to access and utilize the	
			nalyzing, and managing their files.	
Preconditions:	PRE-1. The Customer is not			
	PRE-2. The Customer provide			
Postconditions:	POST-1. A new account is cr			
	POST-2. The Customer is log			
Main Success			y Observing Tool website.	
Scenario:		ates that they want to cr		
		des the required inform	ation (e.g., email, password, State,	
	School Level).			
	4. The system validates the provided information and checks for uniqueness of the			
	email address.			
	<ul><li>5. The system sends a verification code to the email address</li><li>6. The Customer submits the verification code into the system</li></ul>			
			the Customer into their new account.	
	8. Use case ends.	a new account and logs	the Customer into their new account.	
Extensions:	4a. The provided username o	r email address is alread	dy in use	
LACIISIOIIS.			ame or email address is already in	
		use, and prompts them to provide a different one.		
	6a. The customer submits incorrect verification code.			
			cation code was incorrect, and asks	
	again for the verification code.			
Priority:	High			
Frequency of Use:	Approximately 3 times per day.			
Business Rules:	None			
Associated	N/A			
Information:				
Related Use Cases:				
Assumptions:				
Open Issues:				

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# Use Case 09: Customer categorizes a Question

UC ID and Name:	UC-09: Categorize Question		
Created By:	Sam Callan	Date Created:	4/25/23
Primary Actor:	Customer/Instructor	Secondary Actors:	
Trigger:	Customer receives a report.		
Description:			my question label for each question.
			is properly labeled due to the overlap
			can be left uncategorized by our
	analysis and this allows for the		they see fit.
Preconditions:	PRE-1. The Customer is logg		1 1 i
D4 1141			red an analysis report for the file.
Postconditions:	POST-1. The questions are p POST-2. The data visuals ref		
Main Success			y Observing Tool website.
Scenario:			y Observing 1001 website.
Section 10.	<ol> <li>The Customer logs into their account.</li> <li>The Customer uploads a file for analysis.</li> </ol>		
	4. The Customer receives the report.		
	5. The Customer reviews the labels that the analysis suggested or left		
	uncategorized.		3 66
	<ol><li>The Customer click</li></ol>	s on the Select Type dro	ppdown and clicks the correct label.
		and data visuals reflect t	his change.
	8. Use case ends.		
Extensions:	1a. The Customer is satisfied	with the labels and doe	es not need to make any changes.
Priority:	High		
Frequency of Use:	Every time a user receives a report.		
Business Rules:	None		
Associated	N/A		
Information:			
Related Use Cases:			
Assumptions:			
Open Issues:			

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### **Use Case 10: Customer removes Sentence from Question list**

UC ID and Name:	UC-10: Remove Sentence from Question List		
Created By:	Sam Callan	Date Created:	4/25/23
Primary Actor:	Customer/Instructor	Secondary Actors:	
Trigger:	Customer receives a report.		
Description:			s and notices that some questions that
			ant and do not reflect the teaching
		ey are able to remove the	nis question or sentence from the
D 1''	Questions list.	1: 4 (1 :4	
Preconditions:	PRE-1. The Customer is logg		red an analysis report for the file.
Postconditions:	POST-1. The sentence that the		
i ostconditions.	POST-2. This removal is refl		
Main Success	•		y Observing Tool website.
Scenario:	2. The Customer logs		y coserring roof weester.
	3. The Customer uploads a file for analysis.		
	4. The Customer receives the report.		
	5. The Customer reviews the Questions in the question list and recognizes that a		
	question is not relevant and can be removed.  6. The Customer selects the Remove button on the right hand side of the question.		
			n the right hand side of the question.
	7. The question is rem		
	<ul><li>8. This removal is refle</li><li>9. Use case ends.</li></ul>	ected in the data visuals	
	9. Ose case ends.		
Extensions:	1a. All questions in the list ar	re relevant and the Cust	omer would like to keep them.
Priority:	High		
Frequency of Use:	Every time a Customer receives a report.		
Business Rules:	None		
Associated	N/A		
Information:			
Related Use Cases:	UC-11		
Assumptions:			
Open Issues:			

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### **Use Case 11: Customer adds a Question from Transcript**

UC ID and Name:	UC-10: Add Question from Transcript		
Created By:	Sam Callan	Date Created:	4/25/23
Primary Actor:	Customer/Instructor	Secondary Actors:	
Trigger:	Customer receives a report.		
Description:	The Customer receives their report and notices that there is a sentence in the transcript that they would like to add to the Questions list for Bloom's Taxonomy classification or other analysis.		
Preconditions:	PRE-1. The Customer is logg PRE-2. The Customer has up	bloaded a file and receiv	ed an analysis report for the file.
Postconditions:	POST-1. The sentence that the POST-2. This addition is refl		
Main Success Scenario:	<ol> <li>The Customer visits the Instructional Equity Observing Tool website.</li> <li>The Customer logs into their account.</li> <li>The Customer uploads a file for analysis.</li> <li>The Customer receives the report.</li> <li>The Customer reviews the Transcript and Questions list and notices a sentence that they would like to add to the Questions list.</li> <li>The Customer clicks on the sentence in the Transcript box.</li> <li>They select "Add as a question" from the dropdown menu.</li> <li>The sentence is added to the Questions list and is analyzed.</li> <li>The data visuals reflect this addition.</li> <li>Use case ends.</li> </ol>		
Extensions:	1a. The Customer does not n	eed to add any sentence	to the Questions list.
Priority:	High		
Frequency of Use:	Every time a Customer receives a report.		
Business Rules:	None		
Associated Information:	N/A		
Related Use Cases:	UC-10: Remove Sentence from	om Question List	
Assumptions:			
Open Issues:			

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# **Use Case 12: Customer logs into Account**

UC ID and Name:	UC-12: Log into Account		
Created By:	Micah Collins Date Created: 4/25/23		4/25/23
Primary Actor:	Customer/Instructor	Secondary Actors:	
Trigger:	Customer indicates that they	want to log into their ac	ecount.
Description:	The customer wants to log ir	nto their existing accoun	t in order to access and utilize the
			nalyzing, and managing their files.
Preconditions:		existing account with a	valid username or email address and
	password.		
	PRE-2. The customer is not		account.
Postconditions:	POST-1. The customer is log		
Main Success			Observing Tool website.
Scenario:		ates that they want to log	
		des their email address a	
	4. The system verifies the provided credentials.		
	<ul><li>5. The system logs the customer into their account.</li><li>6. Use case ends.</li></ul>		
	6. Use case ends.		
Extensions:	40. The provided username	or amail addragg and nag	sword do not match any existing
Extensions.	account.	or email address and pas	sword do not match any existing
		customer that the provide	ded credentials are incorrect and
	prompts them to try again.	customer that the provid	ded eredentials are incorrect and
	prompts them to try again.		
Priority:	High		
	Approximately 20 times per day.		
	None		
Associated	N/A		
Information:			
Related Use Cases:	UC-08: Create an account		
Assumptions:			
Open Issues:			
Information: Related Use Cases: Assumptions:	None N/A	day.	

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# Use Case 13: Customer Re-labels speaker of a Sentence in the Transcript

UC ID and Name:	UC-13: Re-label speaker of a sentence in transcript		
Created By:	Micah Collins Date Created: 4/25/23		4/25/23
Primary Actor:	Customer/Instructor	Secondary Actors:	
Trigger:	Customer indicates that they	want to change the spea	aker label of a sentence in the
	transcript.		
Description:			label of a sentence in the transcript
	to ensure accurate analysis ar		
Preconditions:	PRE-1. The customer is logg		
	PRE-2. An analysis report w		
Postconditions:	POST-1. The speaker label o		
Main Success		the transcript within an	
Scenario:			incorrect or undesired speaker label.
	<ol><li>The customer indicates that they want to change the speaker label of the selected sentence.</li></ol>		
	4. The customer selects the correct or desired speaker label.		
	5. The system updates the speaker label of the selected sentence in the transcript.		
	6. Use case ends.		
Extensions:			
Priority:	Medium		
Frequency of Use:	Approximately 5 times per day.		
Business Rules:	None		
Associated	N/A		
Information:			
Related Use Cases:	UC-01: Customer uploads a video file		
	UC-02: Customer requests an analysis		
	UC-07: Customer loads analy		t
A	UC-12: Customer logs into a	n account	
Assumptions:			
Open Issues:			

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### Use Case 14: Customer Edits the text of a Sentence in the Transcript

UC ID and Name:	UC-14: Edit text of a sentence in transcript			
Created By:	Micah Collins	Micah Collins Date Created: 4/25/23		
Primary Actor:	Customer/Instructor	Secondary Actors:		
Trigger:	Customer indicates that they	want to edit the text of	a sentence in the transcript.	
Description:	The customer wants to correct accurate analysis and reporting		a sentence in the transcript to ensure	
Preconditions:	PRE-1. The customer is logg	ed in to their account.	1 11 1 1	
	PRE-2. An analysis report w			
Postconditions:	POST-1. The text of the select			
Main Success		the transcript within ar		
Scenario:			orrect or undesired text.	
			it the text of the selected sentence.	
		4. The customer provides the correct or desired text for the sentence.		
		the text of the selected	sentence in the transcript.	
	6. Use case ends.			
Extensions:				
Priority:	Medium			
Frequency of Use:	Approximately 5 times per day.			
Business Rules:	None			
Associated	N/A			
Information:				
Related Use Cases:	UC-01: Customer uploads a			
	UC-02: Customer requests an analysis			
	UC-07: Customer loads analysis report from Account			
	UC-09: Customer logs into a			
	UC-13: Customer re-labels s	peaker of a sentence in	transcript	
Assumptions:				
Open Issues:				

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### Use Case 15: Customer names an Analysis File

UC ID and Name:	UC-15: Name analysis file				
Created By:	Micah Collins	Micah Collins Date Created: 4/25/23			
Primary Actor:	Customer/Instructor	Secondary Actors:			
Trigger:	Customer indicates that they	want to name or rename	e an analysis file.		
Description:	The customer wants to name	or rename an analysis f	ile in order to organize and identify		
	the file more easily when acc		nt.		
Preconditions:	PRE-1. The customer is logg				
	<del>'</del>		nat needs to be named or renamed.		
Postconditions:			ed according to the customer's input.		
Main Success			ile within their account.		
Scenario:			me or rename the analysis file.		
		des the desired name for			
	<ul><li>4. The system updates the analysis file with the provided name.</li><li>5. Use case ends.</li></ul>				
Extensions:	3. Use case elius.				
Priority:	Low				
Frequency of Use:	Approximately 10 times per	dav			
Business Rules:	None	auy.			
Associated	N/A				
Information:	1,712				
Related Use Cases:	UC-04: Customer saves anal	ysis to file			
	UC-05: Customer deletes analysis report from account				
	UC-06: Customer saves analysis report to Account				
	UC-07: Customer loads analysis report from Account				
	UC-08: Customer creates an Account				
	UC-12: Customer logs into A	Account			
Assumptions:					
Open Issues:					

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# Use Case 16: Customer Uploads a new Recording

UC ID and Name:	UC-16: Upload new recording		
Created By:	Micah Collins	Date Created:	4/25/23
Primary Actor:	Customer/Instructor	Secondary Actors:	
Trigger:	Customer indicates that they want to upload a new recording (video or audio) for analysis.		
Description:	The customer wants to upload a new recording (video or audio) to the Instructional Equity		
	Observing Tool in order to request an analysis of the recording.		
Preconditions:	PRE-1. The customer is logged in to their account.		
	PRE-2. The customer has a valid video or audio file to upload.		
	PRE-3. The customer already		yed.
Postconditions:	POST-1. The current analysis		
	POST-2. The new recording is successfully uploaded and ready for analysis.		
Main Success			ayed on the Instructional Equity
Scenario:	Observing Tool web		
		ates that they want to up	
	3. The system wipes the current analysis from the display and allows for the		
	uploading of another file.		
	4. The customer selects the desired video or audio file from their device.		
	5. The system verifies that the selected file is a valid video or audio format.  6. The system verleads the selected file.		
	<ul><li>6. The system uploads the selected file.</li><li>7. Use case ends.</li></ul>		
Extensions:	4a. The selected file is not a valid video or audio format.		
Extensions.	4a. The selected file is not a valid video or audio format.  4a1. The system notifies the customer that the selected file is not a valid format and		
	prompts them to select a different file.		
Priority:	High	crent inc.	
Frequency of Use:	Approximately 5 times per day.		
Business Rules:		·· <i>.</i>	
Associated	N/A		
Information:			
Related Use Cases:	UC-01: Customer uploads a video file		
	UC-02: Customer requests an analysis		
	UC-03: Customer cancels an analysis request		
	UC-08: Customer creates an Account		
	UC-12: Customer logs into A	Account	
Assumptions:			
Open Issues:			

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### **Use Case 17: Customer Adds Sentence to the Transcript**

UC ID and Name:	UC-17: Add sentence to transcript		
Created By:	Micah Collins	Date Created:	4/25/23
Primary Actor:	Customer/Instructor	Secondary Actors:	
Trigger:	Customer indicates that they want to add a sentence to the transcript.		
Description:	The customer wants to add a sentence to the transcript in order to correct or provide		
	additional information for the analysis and reporting.		
Preconditions:	PRE-1. The customer is logged in to their account.		
	PRE-2. An analysis report with a transcript is available and displayed.		
Postconditions:	POST-1. A new sentence is added to the transcript with the customer's input.		
Main Success	The customer views the transcript within an analysis report.		
Scenario:			d a sentence to the transcript.
	3. The customer specifies the position where the new sentence should be inserted in		
	the transcript.		
	4. The customer provides the text and speaker label for the new sentence.		
		e new sentence to the tra	inscript at the specified position.
г,	6. Use case ends.		
Extensions:	3a. The customer does not provide any text for the new sentence.		
Duiquitan	3a1. The system creates a blank sentence with no text.		
Priority:	Medium		
Frequency of Use: Business Rules:	Approximately 4 times per day.		
Associated	NI/A		
Information:	N/A		
Related Use Cases:	LIC 01: Customer unloads a	video file	
Related Use Cases.	UC-01: Customer uploads a video file UC-02: Customer requests an analysis		
	UC-07: Customer loads analysis report from Account		
	UC-09: Customer logs into an account		
	UC-10: Customer re-labels speaker of a sentence in transcript		
	UC-14: Customer edits the te		
Assumptions:			·
Open Issues:			

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### **Business Rules**

BR-1: Analysis should not result in a direct recommendation on teaching amendments.

BR-2: Follows TCU Server Hosting Requirements.

BR-3: Permitted users to be teachers only.