TCU Computer Science

Keepsake Use Cases

Version 1.2

Revision History

Date	Version	Description	Author
10/24/22	1.1	Revised professors comments and altered use case wording	Lucas Raynor
4/18/23	1.2	Update	Lucas Raynor

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Use Cases

Use Case List

Primary Actor	Use Cases
Customer	UC: Create and upload audio file UC: Creates accounts for other family members UC: Hide a submitted recording UC: Creates family head account
Recording Owner	UC: Deletes the submitted recording

Use Case : Customer creates and uploads audio file

UC ID and Name:	UC-: Create and upload audio file

Created By:	Niko	Date Created:	9/30/22
Primary Actor:	Customer	Secondary Actors:	NA
Trigger:	The Customer indicates to start audio creation		
Description:	The Customer wants to create an audio file to upload, so the rest of the family can listen to it		
Preconditions:	The customer has an account		
Postconditions:	POST-1. The new audio file is stored in the System		
Main Success Scenario:	1. The customer indicates to start audio creation 2. The system displays means to upload audio 3. The Customer views and selects upload audio. 4. The System asks the Customer to start the audio recording and end the audio recording when they are done. 5. The customer then uploads audio for the family to see 6. The system then saves the audio file and notifies the customer when the upload is complete		

Extensions:	**4a. User Never Ends Audio**
	    4a1. The System alerts the user that they never ended audio creation and will pause the recording
	    4a2. The Customer resumes the recording and returns to step 5 of normal flow.		

Priority:	High		
Frequency of Use:	Approximately TBD user, average of TBD usages per week.		
Business Rules:	Security/access concerns.		
Associated Information:	Details:<table><tr><th>Property name</th><th>Data type</th><th>Changeability</th><th>Validation rule</th><th>Effect of change</th><th>Reference to glossary</th></tr><tr><td>Audio</td><td>audio file</td><td>Yes</td><td>Required</td><td></td><td></td></tr></table> Duplication detection rules: ● *NA* Notification: ● The System sends The Customer shall be able to cancel the use case at any time prior to submitting it.		
Related Use Cases	Delete Audio Recording		
Assumptions:	The customer has an account; The customer is part of a family group		
Open Issues:			

Use Case : Customer creates accounts for other family members

The Customer can edit "Pending" or "Approved" or "Assigned" requests.

UC ID and Name:	UC-: Creates accounts for other family members
Created By:	JJ Elerick · Date Created: · 09/30/2022
Primary Actor:	Customer · Secondary Actors: · NA
Trigger:	The Customer indicates to create accounts for other family members.
Description:	The Customer wants to create accounts for the other family members so that they can post audio to the family feed and listen to other family member's audio recordings.
Preconditions:	PRE-1. A customer has already created a "Family Head" account on the website.
Postconditions:	POST-1. Accounts are created and the credentials are uploaded to the system.
Main Success Scenario:	1. The Customer indicates to create family user accounts. 2. The System retrieves the specified request and displays it to the Customer. 3. The Customer chooses to change the details of this request. 4. The System asks the Customer to provide details required to add accounts where allowed according to "Details" defined in Associated Information and "Security/access concerns" defined in Business Rules of this use case. 5. The Customer makes changes to this request until confirming that she has finished changing. 6. The System validates the Customer's changes and alerts warning messages according to "Details" defined in Associated Information of this use case.
Extensions:	**6a. Input validation rule violation** 6a1. The System alerts the Customer that an input validation rule is violated and displays the nature and location of the error. 6a2. The Customer corrects the mistake and returns to step 6 of normal flow.
Priority:	High
Frequency of Use:	Approximately *** user, average of *** usages per week.
Business Rules:	Security/access concerns.
Associated Information:	Details:

Property name	Data type	Change ability	Validation rule	Effect of change	Warning	Reference to glossary
Family name	String	Yes	Required	No change to the status of the request		

The Customer shall be able to cancel the use case at any time prior to submitting it.

Related Use Cases:	
Assumptions:	Customer is the Family head
Open Issues:	

Use Case : Customer hides a submitted recording

UC ID and Name:	UC-: hide a submitted recording		
Created By:	Firat Aksoy	Date Created:	09/30/22
Primary Actor:	Customer	Secondary Actors:	Payment System Spirit Director SuperFrog Student
Trigger:	A Customer indicates to hide a submitted voice recording.		
Description:	A Customer wants to hide a recording so that she can stop others in the family group from seeing that recording.		
Preconditions:	PRE-1. The customer needs to be the owner of the voice recording, or the family leader.		
Postconditions:	POST-1. The request is updated in the system with a status of "Hid by customer."		
Main Success Scenario:	1. The Customer indicates to hide a submitted voice recording. 2. The System retrieves the specified request. 3. The Customer views the details of the request and is given two options to either cancel or hide. 4. The Customer confirms the hiding. 5. The System marks the request as "Hide by customer." 6. The System places the voice recording in the "Hidden recordings" tab 7. Use case ends.		
Extensions:	**7a. Hiding someone elses voice recording** 7a1. They will be able to find their hidden voice recording through the FAQ in voice recordings tab or their personal recordings feed with a flair		
Priority:	medium		
Frequency of Use:	Approximately 1 users, average of one usage per month.		
Business Rules:			
Associated Information:	The Customer shall be able to cancel the process at any time prior to submitting it.		
Related Use Cases:			
Assumptions:			
Open Issues:			

Use Case : Customer creates family head account

UC ID and Name:	UC-: Create a family head account		
Created By:	Lucas Raynor	Date Created:	09/30/2022
Primary Actor:	Customer	Secondary Actors:	n/a
Trigger:	The customer indicates to create a family head account by following the account creation protocol		
Description:	The customer wants to start a family for their stories and memories. They select "family head" option during account creation		
Preconditions:	PRE-1. No preconditions - anyone can create family head account		
Postconditions:	POST-1. Account authorization set for family head		
Main Success Scenario:	1. The Customer indicates to create a family head account 2. The System retrieves the specified request. 3. The Customer views the details of the request 4. The Customer confirms the account 5. The System marks the request as "Family head account" 6. Use case ends.		
Extensions:			
Priority:	High		
Frequency of Use:	Approximately *** users, average of one usage per day.		
Business Rules:	If a customer is already a family head, request is denied		
Associated Information:	● The System displayed curated information for Family head in the "Family" tab		
Related Use Cases:			
Assumptions:			
Open Issues:			

Business Rules

BR-1: If a customer does not own a recording, they cannot delete it
BR-2: Only family members can view submitted recordings
BR-3: If a customer is already a family head, request is denied