# **Group 4 Capstone Use Case Scenarios**

# **Create Account**

## **Context**

None

## **Primary Flow**

1. Note-Taker (User) selects to create account

2. Note-Taker enters username, password, and password copy

3. Note-Taker selects to submit account with credentials

4. System verifies password and password copy

5. System verifies username is not in use

6. System adds account credentials

7. System shows home page with empty list of uploaded sources

## **Alternative Flow(s)**

### **Username already in use**

A5. System identifies username is already in use

A6. System notifies note-taker to select a new username

A7. Return to step 2

### **Password does not match requirements**

A4. System identifies password does not match requirements

A5. System explains what is wrong with the password

A6. Return to step 2

### **Password Copy Does not match**

A4. System identifies password and password copy do not match

A5. System alerts Note-Taker that the passwords do not match

A6. Return to step 2

# **Login**

## **Context**

None

## **Primary Flow**

1. Note-Taker enters username and password

2. Note-Taker submits credentials

3. System successfully verifies credentials

4. System shows home page with list of uploaded sources

## **Alternative Flow(s)**

### **Invalid Credentials**

A3. System fails to verify credentials

A4. System notifies Note-Taker and prompts to try again

A5. Return to step 1

# **Upload a Source**

## **Context**

Note-Taker is logged in

## **Primary Flow**

1. Note-Taker selects to add a new source
2. Note-Taker selects the source type, from a list of acceptable types, that they want to upload
3. System prompts Note-Taker with the correct input fields and/or file-upload button that corresponds to the source type.
4. Note-Taker inputs or selects the source they want to upload
5. Note-Taker adds metadata for the source
6. Note-Taker adds tags related to the source
7. Note-Taker selects to upload the source
8. System stores the source metadata and the user-info into the database
9. System redirects the user to the source page.

# **Add notes to source**

## **Context**

Note-Taker is logged-in and source file is selected

## **Primary Flow**

1. Note-Taker enters a new note in the textbox viewing a source
2. Note-Taker types notes to a specific timestamp (Only if it is a video)
3. Note-Taker selects Add note button (May implement auto-save feature)
4. System inserts a new row into the notes database table that links the notes to the source file and user information.
5. System displays a confirmation dialog that a note has been saved.

# **Updates an existing note**

## **Context**

Note-Taker is logged-in, source file and note is selected

## **Primary Flow**

1. System populates Note Textbox with selected note content
2. Note-taker modifies the note
3. Note-taker selects update note button
4. System updates the note content in the database
5. System displays a confirmation dialog that a note has been saved.

## **Alternative Flow(s)**

### **User selects Cancel**

A2. Note-taker selects “Cancel”

A3. Note content returns to previous saved state

### **User attempts to update note with an empty note**

A4. System notifies Note-taker that the updated note cannot be empty

A5. Return to step 2

# **Remove a source**

## **Context**

Note-Taker is logged-in, and source is selected

## **Primary Flow**

1. Note-Taker selects remove button
2. Systems displays Confirmation dialog if the Note-taker is sure they want to remove the source and informs the Note-taker that all notes will be removed with the source
3. Note-taker selects “Yes”
4. Systems removes source and related notes from the application and from the database
5. Dialog is removed from the screen.

## **Alternative Flow(s)**

### **User selects No**

A3. Note-taker selects “No”

A4. Return to step 5

# **Removes a single note from a source**

## **Context**

Note-Taker is logged-in, source file and note is selected

## **Primary Flow**

1. Note-Taker selects remove button
2. Systems displays Confirmation dialog if the Note-taker is sure they want to remove the note
3. Note-taker selects “Yes”
4. Systems removes note from the application and from the database
5. Dialog is removed from the screen.

## **Alternative Flow(s)**

### **User selects No**

A3. Note-taker selects “No”

A4. Return to step 5

# **Add a tag to a Note**

## **Context**

Note-Taker is logged-in, source file and note is selected

## **Primary Flow**

1. Note-Taker selects Tags button.
2. System shows the list of tags for that note, with an Add Tag button.
3. Note-Taker inputs a tag in the input box
4. Note-Taker selects the Add Tag button.
5. System adds the tag to the database, if not already existing.
6. System adds a connection to that tag and the note in the database and application

## **Alternative Flow(s)**

### **User attempts to enter an empty tag**

A3. Note-Taker leaves the input box empty

A4. System alerts Note-Taker that the tag must not be empty.

A5. Return to step 3.

# **Remove a tag from a Note**

## **Context**

Tag is selected

## **Primary Flow**

1. Note-Taker selects remove tag button.
2. System removes connection from tag and the note, from database and application. (No need for a confirmation dialog)

# **Search Notes by Partial Tag Filter**

## **Context**

Note-Taker is focused on the search bar

## **Primary Flow**

1. Note taker types in letters to the filter search bar.
2. System populates all Notes that have tags containing those letters in the search result.

## **Alternative Flow(s)**

### **No existing Note tags match search input**

A2. No result is shown

A3. Return to step 1.

# **Search Notes by Multiple Partial Tag Filter**

## **Context**

Note-Taker is focused on the search bar

## **Primary Flow**

1. Note Taker types in a full tag or partial tag into the search bar.
2. Note Taker clicks to add the tag to the list of searched tags.
3. System populates all notes that have tags that match the searched tag
4. Note taker types in another partial tag.
5. System retains all the resulting notes from the previous searched tag and populates notes with the new searched tags.
6. System orders the notes based on matching tags that apply.