# **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