

Table of Contents

User Login	2
Create Account	4
Lobby	6
Document.....	8
Comment.....	10
Download.....	12
Upload.....	14
Navigation Bar.....	16
Settings.....	18
Help.....	21
Room.....	23
Rate File.....	25

USE CASE	User Login	
Goal in Context	The user is able to successfully log in to the application	
Scope & Level	System, User	
Preconditions	The user has already created an account	
Success End Condition	User is able to log in and retrieve all saved data	
Failed End Condition	User is unable to log in	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	Open application	
DESCRIPTION	Step	Action
	1	User opens the application
	2	User enters username and password
	3	User clicks submit
	4	Server verifies user credentials

	5	Open Lobby
EXTENSIONS	Step	Branching Action
	3a	If username and fields are not filled in, display an error
	4a	If there is no internet connection, display an error
	4b	If user credentials are not validated
SUB-EXTENSIONS	Step	Branching Action
	3a.1	Go to step 2
	4a.1	Go to step 2
	4b.1	Go to Create Account
Due Date	11/13/2017	
Superordinates	None	
Subordinates	Lobby	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	
Create date	10/30/2017	

USE CASE	Create Account	
Goal in Context	The user is able to successfully create, verify, and log in with an account	
Scope & Level	System, User	
Preconditions	None	
Success End Condition	User is able to create an account and log in with it	
Failed End Condition	User is unable to create an account	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User clicks on Create Account button in User Login page	
DESCRIPTION	Step	Action
	1	User enters username and password
	2	User clicks submit
	3	Server verifies and saves user credentials
	4	Server sends verification message

	5	User verifies account
	5	Open Lobby
EXTENSIONS	Step	Branching Action
	2a	If username and fields are not filled in, display an error
	3a	If there is no internet connection, display an error
	3b	If user credentials are not validated, Display an error
	4a	Display button for user to send verification message again
SUB-EXTENSIONS	Step	Branching Action
	3a.1	Go to step 1
	4a.1	Go to step 1
	4b.1	Go to step 1
Due Date	11/13/2017	
Superordinates	User Login	
Subordinates	Lobby	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	

Create date	10/30/2017
-------------	------------

USE CASE	Lobby	
Goal in Context	The user is able to view all nearby and available documents and rooms	
Scope & Level	System, User	
Preconditions	The user has logged in with a valid account	
Success End Condition	User is able to visualize and interact with all nearby and available documents	
Failed End Condition	User is unable to visualize and/or interact with all nearby and available documents	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User logs in, or clicks on lobby in the hamburger menu	
DESCRIPTION	Step	Action
	1	User enters page
	2	Server calculates and returns all available documents
	3	Application displays all available documents
	4	User can scroll through all available documents

EXTENSIONS	Step	Branching Action
	2a	If there are no available documents/rooms, display a message
	2b	If there is no internet connection or location services, display an error
Due Date	11/13/2017	
Superordinates	User Login/Create Account	
Subordinates	Map, Document, Room	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	
Create date	10/30/2017	

USE CASE	Document	
Goal in Context	Provide an interface for a selected, available document	
Scope & Level	System, User	
Preconditions	None	
Success End Condition	The user able to visualize and interact with an available document	
Failed End Condition	The user is unable to visualize and/or interact with available documents The user is able to visualize and/or interact with documents that should not be available	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User selects a document in Lobby or Map pages	
DESCRIPTION	Step	Action
	1	Get document information from server
	2	Display document information and comment information
	3	Constantly verify that document is still available
EXTENSIONS	Step	Branching Action

	1a	If server cannot find document, display an error
	1b	If there is no internet connection, display an error
	2a	If user selects comment section, go to comment use-case
	2b	If user selects rating section, go to rate use-case
	3a	If document becomes unavailable go to Lobby page
Due Date	11/13/2017	
Superordinates	Lobby, Map	
Subordinates	Comment, Rate	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	
Create date	10/30/2017	

USE CASE	Comment	
Goal in Context	Provide an interface for a user to comment on an item	
Scope & Level	System, User	
Preconditions	None	
Success End Condition	The user is unable to post a comment	
Failed End Condition	The user is able to post a comment	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	Open application	
DESCRIPTION	Step	Action
	1	User clicks on a comment box or reply button
	2	The user fills out the text box
	3	User clicks submit
	4	Server stores comment

	5	Refresh page to display new comment
EXTENSIONS	Step	Branching Action
	3a	If text box isn't not filled in, display an error
	4a	If there is no internet connection, display an error
Due Date	11/13/2017	
Superordinates	Document	
Subordinates	None	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	
Create date	11/01/2017	

USE CASE	Download	
Goal in Context	Allow the user to download a file from the server and a designated location	
Scope & Level	System, User	
Preconditions	Arrive at the location for the specified file and attempt to download a file	
Success End Condition	Be able to download the file and store it in the phone's external storage	
Failed End Condition	The user is not able to download the file	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	Download the file from a room	
DESCRIPTION	Step	Action
	1	User selects a document inside of a room from the lobby
	2	User chooses to download the document
	3	The application begins to download the document
	4	The document is placed in the user's File Downloads folder

EXTENSIONS	Step	Branching Action
	3a	The document does begin to download due to connection errors
Due Date	11/13/2017	
Superordinates	Lobby, Room	
Subordinates		
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	
Create date	10/30/2017	

USE CASE	Upload a File	
Goal in Context	Allow the user to upload a file based on their location	
Scope & Level	System, User	
Preconditions	User has to be in the application's lobby	
Success End Condition	User is able to upload the selected file to the location they currently are at	
Failed End Condition	User is unable to upload the file	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User presses on the icon located on the application's app bar to upload a file	
DESCRIPTION	Step	Action
	1	User is asked if the application is able to read the files located on their phones
	2	User grants access to the application's read permission
	3	The application moves to the user's folders or gallery
	4	The user chooses a file from their folders or gallery to upload

	5	The user is taken back to the application
	6	The user confirms their selection
	7	The file is uploaded to the database
EXTENSIONS	Step	Branching Action
	2a	User does not grant access to the application's read permission
	2b	The application displays an error message that it is unable to upload the file to the server
	4a	The user cancels the action to choose a file
	4b	Go to Lobby Use Case
	6a	The user chooses to deny their selection
	6b	The application removes the chosen file and allows the user to choose to go back to their gallery/folders
Due Date	11/13/2017	
Superordinates	Lobby	
Subordinates	None	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	

Create date	10/30/2017
-------------	------------

USE CASE	Navigation Bar	
Goal in Context	To be able to use the navigation button on the navigation bar	
Scope & Level	System, User	
Preconditions	User is in the lobby screen	
Success End Condition	User is able to successfully navigate through the application	
Failed End Condition	User is unable to navigate the application when an option is pressed	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User slides their finger from the left edge of the screen to the right or they press the hamburger icon	
DESCRIPTION	Step	Action
	1	User selects to move to an activity in the application whether it is Settings, Help, or Map View
	2	User is taken to the chosen activity
EXTENSIONS	Step	Branching Action

	2a	Move to chosen activity section: Map View, Settings, Or Help
Due Date	11/13/2017	
Superordinates	Lobby	
Subordinates	Settings, Help	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	
Create date	10/30/2017	

USE CASE	Settings	
Goal in Context	Successfully change application settings	
Scope & Level	System, User	
Preconditions	User moves to the Settings activity	
Success End Condition	User is able to successfully modify the application's settings	
Failed End Condition	User is unable to modify settings	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User clicks on certain application settings criteria	
DESCRIPTION	Step	Action
	1	User chooses to update their username
	2	User chooses to update their password
	3	User chooses to update their email
	4	User chooses to update their name

	5	User chooses to upload a new profile picture
	6	User chooses to update their download settings
	7	User chooses to update their push notifications settings
EXTENSIONS	Step	Branching Action
	1a	Username is available and changed
	2a	The updated password passes the integrity check and is successfully updated in the database
	3a	Verification email is sent to the user and is successfully verified
	3b	The email is successfully updated
	4a	Name is successfully updated
	5a	The application asks for permission if it does not have Read permissions
	5b	User gets sent to their gallery to choose a picture
	5c	User chooses a picture
	5d	The profile picture is updated.
	6a	Download settings get updated
	7a	Push notifications settings updated

SUB-EXTENSIONS	Step	Branching Action
	1a.1	User name is not available and a message is displayed to the user of its unavailability
	2a.1	The updated password fails the integrity check and a message is displayed to the user
	3a.1	The email does not get verified and the email stays the same
Due Date	11/13/2017	
Superordinates	Navigation Bar	
Subordinates	None	
AUTHOR	Mario Lopez / Jared Coleman / Daniel Kim	
Create date	10/30/2017	

USE CASE	Help	
Goal in Context	Be able to access the help interface	
Scope & Level	System, User	
Preconditions	User chooses to arrive at the help activity through the navigation bar	
Success End Condition	User is able to find the necessary help	
Failed End Condition	User is unable to find help	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User chooses the necessary help options	
DESCRIPTION	Step	Action
	1	User chooses a tutorial video
	2	User clicks on the FAQ list
	3	User chooses to send a message
EXTENSIONS	Step	Branching Action

	1a	A video begins to play that demonstrates how to use the application
	2a	FAQ list expands and the user is able to see all of the necessary help
	3a	The edit text box allows the user to send a message
	3b	User presses send
	3c	Message get sent to the development team
Due Date	11/13/2017	
Superordinates	Navigation Bar	
Subordinates	None	
AUTHOR	Mario Lopez / Daniel Kim / Jared Lopez	
Create date	10/30/2017	

USE CASE	Room	
Goal in Context	Provide an interface to view and interact with documents in a given room	
Scope & Level	System, User	
Preconditions	The room should be available to the user (the user meets all requirements to enter room)	
Success End Condition	Users are able to visualize and interact with documents in an available room	
Failed End Condition	Users are unable to visualize and/or interact with documents in an available room Users are able to visualize and/or interact with documents in a room that should not be available to them	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User clicks on a room in the lobby	
DESCRIPTION	Step	Action
	1	Query Server for all documents in a room
	2	Display all documents in the room
EXTENSIONS	Step	Branching Action
	1a	If there is no internet connection, display an error

Due Date	11/13/2017
Superordinates	Lobby
Subordinates	Documents
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman
Create date	11/1/2017

USE CASE	Rate File	
Goal in Context	The user is able to give a rating to a particular file	
Scope & Level	System, User	
Preconditions	User navigates to the rating interface	
Success End Condition	User rates a file	
Failed End Condition	User is unable to rate a file	
Primary Actors	User	
Secondary Actors	Smart Phone	
Trigger	User locates the rating arrows of the file and presses on either one	
DESCRIPTION	Step	Action
	1	Up arrow is pressed
	2	Down arrow is pressed
EXTENSIONS	Step	Branching Action
	1a	The total rating counter is increased by one

	2a	The total rating counter is decreased by one
Due Date	11/13/2017	
Superordinates	Document	
Subordinates	None	
AUTHOR	Daniel Kim / Mario Lopez / Jared Coleman	
Create date	11/1/2017	