



# Learning Hub Web Application

## Verification Criteria

Prepared by: Rana Mostafa

V 1.2

11/5/2022

# Revision History

Name	Date	Version	Revision Date
Rana Mostafa	29/4/2022	1.0	30/4/2022
Rana Mostafa	6/5/2022	1.1	6/5/2022
Rana Mostafa	11/5/2022	1.2	

ID:	UC_01		
Title:	Register		
Description:	The user creates an account to perform specific functionalities. The creation of an account requires (Email, username (special characters are not allowed), Strong Password (not less than 8 characters, at least one special character, upper and lower cases, and numbers), Confirm Password).		
Primary Actor:	System guest		
Preconditions:	None		
Trigger:	Guest tries to access the specific functionality that requires having an account and logging in		
Assumptions:	1. Guest Password must contain more than 8 characters with a pattern ("^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,20}\$") 2. Username can't contain special characters & must be unique		
Main Success Scenario:	1. Guest will navigate to the Encyclopedia website. 2. Guest navigates through the website and clicks on the register button. 3. Guest enters the required fields. 4. Guest clicks on the Register button.		
Postconditions:	The guest data stored in the database & account created successfully The system show that the account is created successfully. The system shall display login page		
Extensions:	Step	Action	Alternative flow
	3	a. Guest forget to enter specific field	Register button will not be activated until the user fill all required fields
		b. Guest enter invalid mail	The system alerts the user he should enter valid email
		c. Guest enter invalid username	The system alerts the user he should enter valid username indicating that special characters are not accepted
		d. Guest enter used username	The system alerts the user he should enter valid username indicating that the entered username is already used
		e. Guest enter invalid password	The system alerts the user he should enter valid password indicating the required format for the password
		f. Guest enter different password in confirm password field that the password he typed in password field	The system alerts the user he should enter the same password as entered in password field
Owner:	Developer		
Status:	Under review		
Last updated:	11/5/2022		

<b>ID:</b>	<b>UC_02</b>		
<b>Title:</b>	Login		
<b>Description:</b>	The user/admin able to login to the system by entering his/her username and password.		
<b>Primary Actor:</b>	System user System admin		
<b>Preconditions:</b>	User must have registered account Admin must have valid admin permission		
<b>Trigger:</b>	User/Admin tries to access the specific functionality that requires logging in		
<b>Assumptions:</b>	None		
<b>Main Success Scenario:</b>	1. User/Admin will navigate to the Encyclopedia website 2. User/Admin navigates through the web application and clicks on the Login button. 3. User/Admin enters the required fields. 4. User/Admin clicks on the Login button.		
<b>Postconditions:</b>	The system show that the user/admin is logged in successfully. The system shall display right page accordingly to the logged actor (Admin home page if the actor is the admin/User home page if the actor is the system user)		
<b>Extensions:</b>	<b>Step</b>	<b>Action</b>	<b>Alternative flow</b>
	3	a. User forget to enter specific field	Login button will not be activated(Unclickable) until the user fill all required fields
		b. User enter invalid username	The system alerts the user he should enter valid username indicating that the entered username doesn't exist in the database
		c. User enter invalid password	The system alerts the user he should enter valid password indicating the entered password is wrong/invalid
<b>Owner:</b>	Developer		
<b>Status:</b>	Approved & under develop		
<b>Last updated:</b>	6/5/2022		

<b>ID:</b>	<b>UC_03</b>
<b>Title:</b>	Log out
<b>Description:</b>	The user/admin is able to log out from his/her own account in the system.
<b>Primary Actor:</b>	System user System admin
<b>Preconditions:</b>	User/Admin is logged in & logging out button is visible and activated
<b>Trigger:</b>	User tries to log out of his/her account
<b>Assumptions:</b>	None
<b>Main Success Scenario:</b>	1. User/Admin navigates through the website to log out. 2. User/Admin clicks on log out button.
<b>Postconditions:</b>	The system show that the user/admin has logged out successfully. The system shall display home page with register & login button visible and activated
<b>Extensions:</b>	None
<b>Owner:</b>	Developer
<b>Status:</b>	Approved & under develop
<b>Last updated:</b>	7/5/2022

<b>ID:</b>	<b>UC_04</b>
<b>Title:</b>	Choose a Category
<b>Description:</b>	The user navigates through the system to choose for articles under specific category by choosing the category name from a drop-down list through the website.
<b>Primary Actor:</b>	System user System admin
<b>Preconditions:</b>	None
<b>Trigger:</b>	User/Admin tries to access articles under specific category
<b>Assumptions:</b>	None
<b>Main Success Scenario:</b>	1. User/Admin opens the Encyclopedia website. 2. Click on the category drop-down list. 3. Choose the category name from the available categories
<b>Postconditions:</b>	The system shows chosen category page with the articles under the category
<b>Extensions:</b>	None
<b>Owner:</b>	Developer
<b>Status:</b>	Approved & under develop
<b>Last updated:</b>	7/5/2022

<b>ID:</b>	<b>UC_05</b>
<b>Title:</b>	Follow specific categories.
<b>Description:</b>	User is able to follow specific categories he wants.
<b>Primary Actor:</b>	System user
<b>Preconditions:</b>	User must have registered account and logged in.
<b>Trigger:</b>	User wants to be up to date with uploads under these categories
<b>Assumptions:</b>	None
<b>Main Success Scenario:</b>	1. User opens the Encyclopedia website. 2. User navigate to the category that he wants to follow. 3. User clicks on the follow button.
<b>Postconditions:</b>	The system show that the category was added to following categories list successfully. The system adds this category to following categories list.
<b>Extensions:</b>	None
<b>Owner:</b>	Developer
<b>Status:</b>	Approved & under develop
<b>Last updated:</b>	7/5/2022

ID:	UC_06		
Title:	Notify user about new articles.		
Description:	User is able to receive notification if a new upload added to categories the user is following		
Primary Actor:	System user		
Preconditions:	User must have registered account and logged in.		
Trigger:	User wants to see if any upload was added to categories, he is following		
Assumptions:	None		
Main Success Scenario:	1. User opens the Encyclopedia website. 2. User clicks on notification button.		
Postconditions:	The system shows all new articles that was added to any category the user follows.		
Extensions:	Step	Action	Alternative flow
	2	a. The user does not follow any category	The system alerts the user that he must follow at least one category first to receive notification for this category
		b. If there is no article visible in the page	The system alerts the user that there is no new uploads added to any category he follows
Owner:	Developer		
Status:	Approved & under develop		
Last updated:	7/5/2022		

<b>ID:</b>	<b>UC_07</b>		
<b>Title:</b>	Publish an article		
<b>Description:</b>	The user is able to publish his own article in a specific category.		
<b>Primary Actor:</b>	System user		
<b>Preconditions:</b>	User must have registered account and logged in.		
<b>Trigger:</b>	User tries to publish an article under specific category		
<b>Assumptions:</b>	None		
<b>Main Success Scenario:</b>	1. User opens the Encyclopedia website. 2. User navigate to the category that he wants to publish the article under it. 3. User clicks on publish article button from Post dropdown list. 4. User write the article in the designated area. 5. User clicks Post.		
<b>Postconditions:</b>	The system show that the article published successfully. The article appears under the chosen category to publish under it		
<b>Extensions:</b>	<b>Step</b>	<b>Action</b>	<b>Alternative flow</b>
	5	a. User didn't enter text in the designated area	The system alerts the user that he should enter text first to publish it
	6	a. User cannot publish the article even after logging in	The system alerts the user that something went wrong and recommend refreshing the page and repeating the process again
<b>Owner:</b>	Developer		
<b>Status:</b>	Approved & under develop		
<b>Last updated:</b>	7/5/2022		

<b>ID:</b>	<b>UC_08</b>		
<b>Title:</b>	Upload video		
<b>Description:</b>	The user shall log into his/her account to be able to upload video under a specific category.		
<b>Primary Actor:</b>	System user		
<b>Preconditions:</b>	User must have registered account and logged in.		
<b>Trigger:</b>	User tries to upload a video under specific category		
<b>Assumptions:</b>	Video time is 1 minute minimum and 2 minutes maximum with no specific extensions		
<b>Main Success Scenario:</b>	1. User opens the Encyclopedia website. 2. User navigate to the category that he wants to upload the video under it. 3. User clicks on Upload Video button from Post dropdown list. 4. User clicks on Browse to upload the video 5. User chooses the video 6. User clicks Post.		
<b>Postconditions:</b>	The system show that the video was uploaded successfully. The video appears under the chosen category to upload under it		
<b>Extensions:</b>	<b>Step</b>	<b>Action</b>	<b>Alternative flow</b>
	5	a. User didn't choose any video while browsing	The system alerts the user that he should choose a video first to Post
		b. Video time less than one minute	The system alerts the user that the video time less than one minute indicating that the minimum time for the video is one minute & giving him two options either choosing another video to upload or canceling the uploading process
		c. Video time exceeds two minutes	The system alerts the user that the video time exceeds 2 minutes indicating that the maximum time for the video is 2 minutes & giving him two options either cutting the video in to several videos or canceling the uploading process
	6	a. User cannot upload video even after logging in	The system alerts the user that something went wrong and recommend refreshing the page and repeating the process again
<b>Owner:</b>	Developer		
<b>Status:</b>	Approved & under develop		
<b>Last updated:</b>	7/5/2022		



<b>ID:</b>	<b>UC_09</b>		
<b>Title:</b>	Upload voice record		
<b>Description:</b>	The user shall log into his/her account to be able to upload voice record under a specific category.		
<b>Primary Actor:</b>	System user		
<b>Preconditions:</b>	User must have registered account and logged in.		
<b>Trigger:</b>	User tries to upload a voice record under specific category		
<b>Assumptions:</b>	1. Voice recorded time must be in a range of 30 seconds & 1 minute 2. Voice recorded is a ("mp3") extension		
<b>Main Success Scenario:</b>	1. User opens the Encyclopedia website. 2. User navigate to the category that he wants to upload the video under it. 3. User clicks on Upload Record button from Post dropdown list. 4. User clicks on Browse to upload the voice record 5. User chooses the voice record 6. User clicks Post.		
<b>Postconditions:</b>	The system show that the voice record was uploaded successfully. The voice record appears under the chosen category to upload under it		
<b>Extensions:</b>	<b>Step</b>	<b>Action</b>	<b>Alternative flow</b>
	5	a. User didn't choose any voice record while browsing	The system alerts the user that he should choose a record first to Post
		b. Voice record time less than 30 seconds	The system alerts the user that the record time less than 30 seconds indicating that the minimum time for the record is 30 seconds & giving him two options either choosing another record to upload or canceling the uploading process
		c. Voice record time exceeds one minute	The system alerts the user that the record time exceeds one minute indicating that the maximum time for the record is one minute & giving him two solutions either cutting the record in to several records and uploading them again separately or canceling the uploading process
	6	a. User cannot upload voice record even after logging in	The system alerts the user that something went wrong and recommend refreshing the page and repeating the process again
<b>Owner:</b>	Developer		
<b>Status:</b>	Approved & under develop		
<b>Last updated:</b>	7/5/2022		

ID:	UC_10		
Title:	Delete user Account		
Description:	The admin is able to delete any user account		
Primary Actor:	System Admin		
Preconditions:	Admin must have valid admin permissions & logged in to the system		
Trigger:	Admin tries to delete any user account		
Assumptions:	None		
Main Success Scenario:	1. Admin will navigate to the Encyclopedia web Application. 2. Admin is logged in to the system. 3. Admin navigate to the user account that he wants to delete 4. Admin click on delete button.		
Postconditions:	The system show that the user was deleted successfully. The user data is deleted from the database		
Extensions:	Step	Action	Alternative flow
	4	a. Admin didn't choose any account to delete	The system alerts the admin that he should choose a account first to delete
Owner:	Developer		
Status:	Approved & under develop		
Last updated:	7/5/2022		

<b>ID:</b>	<b>UC_11</b>		
<b>Title:</b>	Delete user Content		
<b>Description:</b>	The admin shall be able to delete any content(articles, videos, voice records) that the user adds to the web application that violates the rules of the system.		
<b>Primary Actor:</b>	System Admin		
<b>Preconditions:</b>	Admin must have valid admin permissions & logged in to the system		
<b>Trigger:</b>	Admin tries to delete any user content that violates the rules of the system.		
<b>Assumptions:</b>	None		
<b>Main Success Scenario:</b>	1. Admin will navigate to the Encyclopedia web Application. 2. Admin is logged in to the system. 3. Admin navigate to the content that violates the rules 4. Admin click delete button		
<b>Postconditions:</b>	The system show that the content was deleted successfully. The deleted content is deleted from the database		
<b>Extensions:</b>	<b>Step</b>	<b>Action</b>	<b>Alternative flow</b>
	5	a. Admin didn't choose any content to delete	The system alerts the admin that he should choose a content first to delete
<b>Owner:</b>	Developer		
<b>Status:</b>	Approved & under develop		
<b>Last updated:</b>	7/5/2022		

<b>ID:</b>	<b>UC_12</b>
<b>Title:</b>	View Content
<b>Description:</b>	The user shall be able to view & navigate throw any content available under specific category.
<b>Primary Actor:</b>	System User, System Admin, System Guest
<b>Preconditions:</b>	User navigated to the page of the category he wants to view content under it
<b>Trigger:</b>	User want to view content of any article, video or audio under specific category
<b>Assumptions:</b>	None
<b>Main Success Scenario:</b>	1. User will navigate to the Encyclopedia website. 2. User navigate to the category that he wants. 3. User navigate throw category page to the content he wants. 4. User clicks on the content overview.
<b>Postconditions:</b>	The user is directed to content page where the content is displayed to the user.
<b>Extensions:</b>	None
<b>Owner:</b>	Developer
<b>Status:</b>	Under review
<b>Last updated:</b>	11/5/2022

<b>ID:</b>	<b>UC_13</b>
<b>Title:</b>	Navigate website
<b>Description:</b>	The user shall navigate through the website without registration
<b>Primary Actor:</b>	System User, System Admin, System Guest
<b>Preconditions:</b>	-
<b>Trigger:</b>	User want to explore the website and navigate throw it
<b>Assumptions:</b>	None
<b>Main Success Scenario:</b>	1. User will navigate to the Encyclopedia website. 2. User tries to access the specific functionality without creating an account and the system alerts that the user should register first if he/she does not have an account. 3. User navigates through the website and choose specific Category to read more about it.
<b>Postconditions:</b>	-
<b>Extensions:</b>	None
<b>Owner:</b>	Developer
<b>Status:</b>	Under review
<b>Last updated:</b>	11/5/2022