Learning Hub Web Application

Verification Criteria

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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	11/5/2022
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ID:	**VC_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	

	Step	**Action**	**Alternative flow**
Extensions:	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

ID:	VC_02		
Title:	Login		
Description:	The user/admin able to login to the system by entering his/her username and password**.**		
Primary Actor:	System user System admin		
Preconditions:	User must have registered account Admin must have valid admin permission		
Trigger:	User/Admin tries to access the specific functionality that requires logging in		
Assumptions:	None		
Main Success Scenario:	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.		
Postconditions:	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)		
Extensions:	**Step**	**Action**	**Alternative flow**
	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
Owner:	Developer		
Status:	Approved & under develop		
Last updated:	6/5/2022		

ID:	**VC_03**
Title:	Log out
Description:	The user/admin is able to log out from his/her own account in the system.
Primary Actor:	System user System admin
Preconditions:	User/Admin is logged in & logging out button is visible and activated
Trigger:	User tries to log out of his/her account
Assumptions:	None
Main Success Scenario:	1. User/Admin navigates through the website to log out. 2. User/Admin clicks on log out button.
Postconditions:	The system show that the user/admin has logged out successfully. The system shall display home page with register & login button visible and activated
Extensions:	None
Owner:	Developer
Status:	Approved & under develop
Last updated:	7/5/2022

ID:	**VC_04**
Title:	Choose a Category
Description:	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.
Primary Actor:	System user System admin
Preconditions:	None
Trigger:	User/Admin tries to access articles under specific category
Assumptions:	None
Main Success Scenario:	1. User/Admin opens the Encyclopedia website. 2. Click on the category drop-down list. 3. Choose the category name from the available categories
Postconditions:	The system shows chosen category page with the articles under the category
Extensions:	None
Owner:	Developer
Status:	Approved & under develop
Last updated:	7/5/2022

ID:	**VC_05**		
Title:	Publish an article		
Description:	The user is able to publish his own article in a specific category.		
Primary Actor:	System user		
Preconditions:	User must have registered account and logged in.		
Trigger:	User tries to publish an article under specific category		
Assumptions:	None		
Main Success Scenario:	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.		
Postconditions:	The system show that the article published successfully. The article appears under the chosen category to publish under it		
Extensions:	**Step**	**Action**	**Alternative flow**
	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
Owner:	Developer		
Status:	Approved & under develop		
Last updated:	7/5/2022		

ID:	**VC_06**		
Title:	Upload video		
Description:	The user shall log into his/her account to be able to upload video under a specific category.		
Primary Actor:	System user		
Preconditions:	User must have registered account and logged in.		
Trigger:	User tries to upload a video under specific category		
Assumptions:	Video time is 1 minute minimum and 2 minutes maximum with no specific extensions		
Main Success Scenario:	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.		
Postconditions:	The system show that the video was uploaded successfully. The video appears under the chosen category to upload under it		
Extensions:	**Step**	**Action**	**Alternative flow**
	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
Owner:	Developer		
Status:	Approved & under develop		
Last updated:	7/5/2022		

ID:	**VC_07**		
Title:	Upload voice record		
Description:	The user shall log into his/her account to be able to upload voice record under a specific category.		
Primary Actor:	System user		
Preconditions:	User must have registered account and logged in.		
Trigger:	User tries to upload a voice record under specific category		
Assumptions:	1. Voice recorded time must be in a range of 30 seconds & 1 minute 2. Voice recorded is a ("mp3") extension		
Main Success Scenario:	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.		
Postconditions:	The system show that the voice record was uploaded successfully. The voice record appears under the chosen category to upload under it		
Extensions:	**Step**	**Action**	**Alternative flow**
	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
Owner:	Developer		
Status:	Approved & under develop		
Last updated:	7/5/2022		

ID:	VC_08		
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		

ID:	**VC_09**		
Title:	Delete user Content		
Description:	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.		
Primary Actor:	System Admin		
Preconditions:	Admin must have valid admin permissions & logged in to the system		
Trigger:	Admin tries to delete any user content that violates the rules of the system.		
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 content that violates the rules 4. Admin click delete button		
Postconditions:	The system show that the content was deleted successfully. The deleted content is deleted from the database		
Extensions:	**Step**	**Action**	**Alternative flow**
	5	a. Admin didn't choose any content to delete	The system alerts the admin that he should choose a content first to delete
Owner:	Developer		
Status:	Approved & under develop		
Last updated:	7/5/2022		

ID:	**VC_10**
Title:	View Content
Description:	The user shall be able to view & navigate throw any content available under specific category.
Primary Actor:	System User, System Admin, System Guest
Preconditions:	User navigated to the page of the category he wants to view content under it
Trigger:	User want to view content of any article, video or audio under specific category
Assumptions:	None
Main Success Scenario:	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.
Postconditions:	The user is directed to content page where the content is displayed to the user.
Extensions:	None
Owner:	Developer
Status:	Under review
Last updated:	11/5/2022

ID:	**VC_11**
Title:	Navigate website
Description:	The user shall navigate through the website without registration
Primary Actor:	System User, System Admin, System Guest
Preconditions:	-
Trigger:	User want to explore the website and navigate throw it
Assumptions:	None
Main Success Scenario:	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.
Postconditions:	-
Extensions:	None
Owner:	Developer
Status:	Under review
Last updated:	11/5/2022