User stories and Criteria Acceptance

Prioritization Method

User stories are prioritized following the criteria below:

- Stories classed as "Must" are critical and must be delivered.
- Stories classed as "Should" have value, but if they have to be cut due to time or budget, they can be.
- Stories classed as "Could" are either lower priority or need to be further unpacked/discussed.

User Story Estimation Method: based on Backlog Estimation criteria

	User Stories					Criteria Acceptance		
ID	Title	User Stories	Importance	Estimation(52 story points /97h)	Sprint	Given	When	Then
1	**Authentication**			5				
1.1	Log-in	as a client, I want to sign in to the Family Artifact Web, so that I can access system functions	Must	2	1	1. I am a logged-out user on the Login page. 2. I have a valid email and password for the account.	1. Correct email and password have been input. 2. Click 'sign in' button	It should be able to provide all the functions accessible to me.
1.2	Verify Account	as a client, I want to get verification code for the website ao that I can access system functions	Must	2	1	1. I am a logged-out user on the Login page. 2. I have an incorrect email and /or verification code for the account	1. Incorrect email or verification code has been input. 2. Click 'sign in' button	It should reject the sign in request and alert the educator with error information 'either verification code or email is invalid'.
						1. I am a logged-out user on the Login page. 2. I have a valid email and verification code for the RUBY account.	1. Either email or verification code or empty. 2. Click 'sign in' button	It should reject the sign in request and alert the educator with error information 'email and verification code must be input for sign in'
1.3	Log-out	as a client, I want to sign out to the Family Artifact Web, so that I can quit the website	Must	1	1	1. On the Home page. 2. I have already logged in the system and I want to quit the system.	Click the 'sign out' button from the left sidebar.	It should delete the current user session and navigate to the login page.
2	**Family Artifacts Mangement**			10				
2.1	Artifact Upload	as a client, I want to upload new artefacts and description for artefacts, so that I can recode a meaningful moment	Must	3		On the section of upload artifacts, I can upload pictures	Upload picture from phone /desktop gallery	Accepts Image
						On the section of upload aftifacts, I cannot upload pictures	Upload wrong file type	Reject file with an error message and asks for photo type
2.2	Artifact View	as a client, I want to view artifacts and its description, so that I can review these meaningful moments	Must	5		On artifacts page, I can click the artifacts image	Click Image	Artifact page with large image and description pops up
						On artifacts page, I cannot click the artifacts image	Image is unavaible due to admin removing the post	Error message
2.3	Artifact Edit	as a client, I want to edit uploaded artifacts and description, so that I can delete, renew, and change wrong details	Must	2		On the artifacts page, I have a new description I want to enter for an existing artifact	1. I click the artifact's image that I want to edit 2. click the edit button	Delete/edit previous description and enter the new description. Save the post and it should be updated and uploaded.
3	**Search**			12				
3.1	Description search							
3.1.1	Exact Search	as a client, I want to search description through the keyword I type in so that I can find artifact I want directly	Must	3		On the artifacts page, I enter the keyword of items I want to find	1. I enter the keyword in search box 2. click the search button	Return all artifacts which description contain the keywords

3.1.2	Fuzzy Search	as a client, I want to have fuzzy search according to the keyword I type in so that I can have all related artifacts	Could		3		On the artifacts page, I enter the keyword of items I want to find	1. I enter the keyword in search box 2. click the search button	Return all artifacts which description are relevant to the keywords
3.2	Tag Search								
3.2.1	Date Search	as a client, I want to search by date, so that I can view all artifacts in a specific time	Must		3		On the artifacts page, I enter the date of items I want to find	1. I enter the date in search box 2. click the search button	Return all artefacts which uploaded in that date
3.2.2	Person Search	as I client, I want to search by uploaded person, so that I can view all artifact from one family member	Could		3		On the artifacts page, I enter the person of items I want to find	1. I enter the person in search box 2. click the search button	Return all artefacts which related to that person
4	**Access Level**				9				
4.1	Normal Family Member	As a normal family member, I want to be a normal family member, so that I can upload and view artifacts	Must		1		On the artifacts upload page as a normal family member	1. Upload picture from phone /desktop and fill up description 2. Click upload	Accepts Image
4.2	Administrator								
4.2.1	Modify Authority	as an Administrator, I want to change the access level of the account so that I can give users different Authorities.	Must		2		On the administrator page as an administrator	1. Click "change role" 2. Click role	account role can be changed
4.2.2	Generate Account	as an Administrator, I want to generate a new account, so that I can create a new account for other family members	Could		3		On the administrator page as an administrator	Click "generate account"	account be generated
4.2.3	Delete Account	as an Administrator, I want to delete the unused account so that it's easier to manage accounts	Could		2		On the administrator page as an administrator	Click "delete account"	account can be deleted
4.3	View Only	as a client, I want to have view authority for the website, so that I can view the artifacts without register	Could		1		On the artifacts page as a view only user, I can click the image	Click Image	Artifact page with large image and description pops up
5	**Account Management**				5				
5.1	Profile Management	as a client, I want to manage description for myself so that makes the web become more interactive	Could		5		On the profile page	1.Click "update" and enter user information 2. Click "confirm"	user information will be updated
6	**Check Message**				11				
6.1	View Message	as a client, I want to view message form other family member, so that we can communicate between each other	Could		5		On the Message page	View the dialog with other family member	view message from others
6.2	Send Message	as a client, I want to send message to other family member, so that we can communicate between each other	Could		5		On the Message page	1. enter the message 2.click "send"	message can be sent to others
6.3	Delete Message	as a client, I want to delete viewed messages, so that it's convient to view new message	Could		1		On the Message page	1.choose the message 2.click "delete"	message can be deleted