

Week 6 Lab Submission Form

- 1.) a.) Insert below a group picture taken at the beginning of class and at the latest 5 minutes after the lab starts. Below the picture, list full names of everyone represented in the future with UINs (unless you choose not to share).

INSERT GROUP PICTURE, ON OR BEFORE 5 MINUTES AFTER CLASS STARTS.
List the full names (& UIN) of each person in the picture.



Carter Ho - 728005358

Caleb Hammack - 527007612

Adrian Aguirre - 628003789

Rohan Govathoti - 128007911

Samuel Smith - 330001663 (I had just finished up a CSCE advisor meeting and had it approved... had to run over right after it to class. Nimisha said it was fine that we turned it in a couple minutes late as long as I showed this proof).



Appt Reminder: EN - Degree Planner 09/30/2022 9:45am-10:00am CT @ EN -
 CSCE - see Additional Details via Virtual (Zoom)



b.) Peer review of Book Collection Assignment - Part 1 - Practice

Note: We don't expect you to complete your peer review in the lab... we just want to make sure you get started and that there is no source of confusion.

- 2.) Draft your User Acceptance Test Form (UAT) with user stories and acceptance criteria in Sprint 1 and 2

INSERT HERE USING UAT TEMPLATE GIVEN, BEING GUIDED BY THE SUNNY DAY EXAMPLE

Number	User Story with its acceptance criteria			For customer use only				
	Persona (Who)	Requirement(What?)	Value(Why?)	Critical?		Test Result?		Comments
				Yes	No	Accept	Reject	
1	Admin	I want to create modules to host pages	to easily organize content for users to access.	X				
		Acceptance Criteria						
		Create modules/folders		X				

		to house and organize different pages						
		Add names to modules and be able to change the module name		x				
2	Admin	I want to upload and host videos	for users to utilize.	x				
		Acceptance Criteria						
		Add names to modules and be able to change the module name		x				
		Create a page to host videos on		x				
		Be able to select a drop-down on which module/page to upload the videos to.		x				
		Be able to add the video into a new page, and select which module that page is in.		x				
3	Admin	I want to upload and host PDFs	for our members to look at					
		Acceptance Criteria						
		Create a page to host PDFs on		x				

		Be able to select a drop-down on which module/page to upload the videos to.						
		Be able to add the PDF into a new page, and select which module that page is in.		x				
4	Admin	I want to upload internship opportunities	so that users can see new opportunities to get internships.					
		Acceptance Criteria						
		Be able to add, delete, and organize postings		x				
		Able to upload recruiter information			x			
5	Admin	Admin, I want to be able to add pages to modules	to easily organize content for users to access					
		Acceptance Criteria						
		Be able to put pages inside of		x				

		modules						
6	Admin	I want to delete videos from modules	so that we can easily organize content for users to access.	x				
		Acceptance Criteria						
		Able to delete videos from modules		x				
7	User	I want to view/watch the videos that are uploaded on a page	so that I can get the information FUSE is trying to send out.	x				
		Acceptance Criteria						
		Ensure that the videos are viewable from the hosted webpage		x				
8	User	I want to view internship opportunities that were posted	so that I can apply for them.	x				
		Acceptance Criteria						
		Able to see internship		x				

		opportunities that the admin uploaded						
		Able to click the opportunity for more info		x				
9	Admin	I want to create pages to host videos and PDFs	so that users can look at certain materials all together.	x				
		Acceptance Criteria						
		Pages are able to host different videos and PDFs		x				
		Be able to download PDFs and view them on the page.		x				
		Different sections are accessible to all users		x				
		Able to add headlines to pages		x				
		Add text summaries for videos			x			
10	Admin	I want to add tags to each video and PDF	so that my members can filter content.	x				
		Acceptance Criteria						

		Users can filter content through content tags		x				
		Admins can edit content tags		x				
		Each page with content has a tag		x				
11	User	As a user, I want an aesthetic website	so that my eyes are happy		x			
		Acceptance Criteria						
		The website has a general style overall			x			

3.) Fill out the deployment & support plan

Deployment & Support Plan

This section documents how you plan on deploying the final app to the customer and your plan for supporting the app. Although your support will end with this class, you need to simulate an actual scenario where a certain period of support is given to the customer to ensure satisfaction.

This plan gave the team a lot to think about in terms of passing the baton to the customer. We don't expect many issues to arise when giving the application to the user. As a team the hardest part of this document was to create support plans. At the end of the day the team won't be able to handle every issue that arises so giving the admins the tools to keep the site running is very important.

Documentation Plan		
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Type - Examples below	Strategy	Person in charge
System (e.g., how to transfer admin privileges, how to backup data)	Documentation both part of online help and as separate electronic copy	name of person or team>
Installation / Set-up	Provide a recording of our live walkthrough for setting up heroku and overall set up	Entire team
User Documentation. Will you provide context sensitive help (in the actual form) – THIS IS EXPECTED TO BE ONLINE HELP, NOT A SEPARATE DOCUMENT THAT CAN GET MISPLACED	Provide a recording of our live walkthrough with the admins and resident expert	Entire team
Other References (e.g., important Heroku links)		

Training Plan		
Type - Examples below:	Strategy	Person in charge
Train resident expert (representative in the user group) who has the most knowledge about the system & will provide ongoing support	Scheduled training with our team	The entire team
Train few key users, who will train others	Have resident expert train their members	Resident Expert, but can also be Rohan

Online help	Provide users the ability to read about what to do on our app. We can also provide a link to heroku documentation for errors that occur	The entire team
Other		
List of Training topics. Examples below:		
Use of system	Provide a live walkthrough with resident expert	Entire Team or Rohan
System installation & set-up	Hop into a call with our resident expert or the list of admins and walkthrough set up	Rohan and Adrian
System administration	Hop into a call with our resident expert or the list of admins and explain to them the system	Entire team or Rohan
Backup plan: Process for backup? How often should the user backup?	Does not apply	Does not apply
Recovery: What is the plan for recovery if the system crashes?	We can walkthrough how to reboot the heroku app with our resident expert	Entire team or Rohan

Support (**Contributes most to overall user satisfaction of your system)		
Type - Examples below:	Strategy	In charge
-Document to explain how to use the application as an admin	A makeshift wiki page or guide	Whole team
-Bulletin: proactive information sharing (e.g., announces new releases, scheduled downtime, etc.)	Information sharing is the purpose of the app. Downtime will not be needed	Whole team
-Mechanism to capture user feedback (e.g., app support survey, client feedback survey, etc.)	A text box that will message admin	Whole team
List of issues that may happen during Support		
-System crashes	Reboot heroku	Adrian
-Lost username / password	Admin can see passwords and resend	Whole team

Installation & Data		
Type - Examples below:	Strategy	In charge

Transferring ownership of app to customer via their own Heroku account	We will be in communication with the customer with and inform them that they need to create an account.	Adrian and Rohan
Schedule for installation (e.g., off-time or non-peak).	After sprint 2 we will talk to the customer about the plan for handing off the app	Rohan
Contingency plan during installation failure	Recreate the heroku app on clients account	Whole team

Develop utilities to convert and/or transfer data from old to new system	Scripts – most data won't need to be transferred	Whole team
Data to be transferred from old system & reason for retaining the data (* indicates critical data)		
Passwords will be the only data to be transferred		

4.) a.) Design Best Practice of Modular Design

Practice creating modular code by clicking on the link below

<https://drive.google.com/file/d/1MYBVIHty1nXfDghmTnpLR6ehuYKjQ6l/view?usp=sharing>

INSERT HERE YOUR ANSWER TO THE PRACTICE QUESTION ON SLIDE 10

```
#controller
class CarsController < ApplicationController
  def index
    @sedan_cars = Car.sedan
    @wagon_cars = Car.wagon
  end
end
```

```
#model
class Car < ActiveRecord::Base
  named_scope :sedan, :conditions => { :category => 'sedan' }
  named_scope :wagon, :conditions => { :category => 'wagon' }
end
```

b.) Reflect on # 4a and look for instances in your code where you violated good design principles

INSERT HERE A BULLET LIST WHERE YOU THINK YOU VIOLATED GOOD DESIGN PRINCIPLES. PLEASE BE HONEST AS THIS MAY SAVE YOU TIME IN SPRINT 2 & 3

(This is about our project)

- Our models are not filled in completely yet, so we don't have any examples like the car above. Once they get filled in, they will follow the modular code example as shown above.'
- Our modules and pages look confusing at first. We need to make sure that each class is well defined in the future once things start panning out. Our design goes Page -> Module -> Content, however it can get complicated quickly if not well maintained design-wise.

5.)

.rubocop_todo.yml:

https://tamucs.sharepoint.com/:u:/r/teams/Team-FA22-CSCE431-SoftwareEngineering-TAMUFUSE-MediaHosting/Shared%20Documents/TAMU%20FUSE-Media%20Hosting/Sprint%202/Document%20s/.rubocop_todo.yml?csf=1&web=1&e=Wbw4oV

.rubocop.yml:

<https://tamucs.sharepoint.com/:u:/r/teams/Team-FA22-CSCE431-SoftwareEngineering-TAMUFUSE-MediaHosting/Shared%20Documents/TAMU%20FUSE-Media%20Hosting/Sprint%202/Document%20s/.rubocop.yml?csf=1&web=1&e=ghI8RQ>