Chinese Learning Platform Project Use Cases

Version 2.0

Date	Version	Description	Author	
10/24/2022	2.0	Revision of Version 1.2 and add new Use	Quynh Dong,	
		Cases	Chase Lennartson	
			Vipul Lade,	
			Bao Nguyen	
02/03/2023	2.1	Revision of 2.0 and add new Use Cases	Quynh Dong,	
			Chase Lennartson	
			Bao Nguyen	
04/15/23	2.2	Final version with additional Use Cases	Chase Lennartson	

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Create a Section

UC ID and Name:	UC-01: Teacher creates Section								
Created By:	Quynh Dong	Date Created:	02/03/23						
Primary Actor:	Teacher	Secondary Actors:							
Trigger:	The Teacher indicates to create a new section.								
Description:	The Teacher wants to create a new section, so that the teacher can teach course material as								
Description		well as allow students to enroll in the class.							
Preconditions:	PRE-1. The user is logged		cher.						
Postconditions:	POST-1. The new section i								
	POST-2. Students can join		n code provided.						
Main Success	1. The User indicates	to create a new Section	l.						
Scenario:	2. The System asks t	ne Teacher to enter the i	name of the new Sect	tion.					
	3. The Teacher confi	rms to add the Section.							
	4. The System gives	the Teacher the code for	the Section.						
	•	the new Section and inf	orms the Teacher tha	at this Section has					
	been created.								
	6. Use case ends.								
Extensions:	2a. Input validation rule								
	4a1. The System alerts		t validation rule is vi	olated and					
	displays the nature and								
D: :/	4a2. The User corrects	he mistake and returns t	o step 2 of normal fl	OW.					
Priority:	High	1 1							
Frequency of Use:	Approximately 20 users, ea								
Business Rules: Associated	Teacher is the only user all Details:	owed to create the section	n						
Information:	Property Data type	Editability Val	idation Effect of	Reference to					
miormation.	name	rule		glossary					
	Section String	Yes Req	uired N/A	N/A					
	Name								
	Duplication detection rules Similar Section na 								
	• Similar Section ha	lile							
	Notification:								
	Text:								
		e specified section nam	e is a valid section na	me					
		e specifica section nam							
	Numeric Value:								
	• Checks whether th	e specified section code	is a valid section co	de					
		-							
	The User shall be able to ca		time prior to submitt	ting it.					
Related Use Cases	UC-02: Student joins Section	<u>on</u>							
Assumptions:	The class is active.								

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14 15 Open Issues:

Student joins Section

UC ID and Name:	UC-02: Stude	nt joins Sectior	1				
Created By:	Bao Nguyen		Date C	reated:	02/05/	23	
Primary Actor:	Students						
Trigger:	The Student in	ndicates to join	a new section.				
Description:	The Student w	vants to join a r	new section so t	hat the s	tudent c	an access the	book's material
	as well as do l	nomework and	other related ac	cess			
Preconditions:		00	to the system as				
		ve the section of	code to join the	Section	which is	s given by the	e Teacher or via
	purchased						
Postconditions:							e joined Section
			will be stored in		ion list o	of this Studer	nt
Main Success			to join a new Se		~		
Scenario:			section code in		quest fie	eld	
			oining the new		. C 11		
			s that the user h ts the user to the				
		use case ends	is the user to the	Section	1 5 10550	li list	
Extensions:		lation rule vio	lation				
Extensions.			user if the code	e is incor	rect		
			mistake and re			normal flow	
Priority:	High						-
Frequency of Use:		y 20 users, each	h has 1 usage p	er year.			
Business Rules:			ved to join the s				
Associated	Details:	-	*				
Information:	Property	Data type	Editability	Valid	ation	Effect of	Reference to
	name Section-Code	String	No	rule Requi	red	change N/A	glossary N/A
	Section-Code	Sung	NO	Kequi	licu	IN/A	11/71
	Notification:						
		fies student has	joined a section	n			
			5				
	Numeric Valu						
	Chec	ks whether the	specified section	on code i	s a valio	l section code	e
	Text:						
	• Chec	ks whether the	joined section	is correc	tly show	in for the use	r
Related Use Cases	UC-06: View	a Lasson					
Assumptions:	The class is a						
Open Issues:		Luve.					
Open issues:							

UC ID and Name:	UC-03: View	student list in c	corresponding s	ection			
Created By:	Bao Nguyen		Date C	reated:	02/05/23		
Primary Actor:	Teacher		Secondary A	Actors:			
Trigger:	The Teacher in	ndicates to view	w the details of	students	in Section		
Description:	The Teacher w	vants to view th	ne details of a st	udent li	st		
Preconditions:	PRE-1. The u	iser is logged in	nto the system a	s a Teac	her.		
Postconditions:	POST-1. The	details of the sp	pecified classlis	t are dis	played to th	ne Teacher	
Main Success	1. The Teac	cher indicates to	o view the list o	f studen	ts in a secti	on.	
Scenario:				0		ab in each lesso	n detail
	•		e details of the s				
			s, or sends the e	email of	the student	or for everyone	2.
	5. Use case	ends.					
Extensions:							
Priority:	High						
Frequency of Use:	**	y 1-2 teachers,	each has 5-6 us	ages per	r week.		
Associated	Details:						
Information:	Property name	Data type	Editability	Secur	rity/access erns	Reference to glossary	
	Student's email	String	No	N/A		N/A	
	Student's name	String	No	N/A		N/A	
Related Use Cases:	UC6: View a	Lesson					
Assumptions:	Section has st	udents enrolled	already				
Open Issues:							

View Student list in Corresponded Section

Create a Lesson

UC ID and Name:	UC-04: Create a Lesson		
Created By:	Quynh Dong	Date Created:	02/03/2023

			1					
Primary Actor:	Publisher		Secondary					
Trigger:	The Publisher indicates to create a new Lesson							
Description:		The Publisher wants to create a new Lesson, so that Lesson can be added to the System						
Preconditions:		PRE-1. The Publisher is logged into the system.						
		PRE-2. The Publisher has the "create" privilege. See Business Rules of this use case.						
Postconditions:	POST-1. The	POST-1. The new Lesson is stored in the System.						
Main Success			to create a new					
Scenario:			blisher to enter					
			e details of this					
			ne Publisher's ir		to "Details" d	efined in		
			of this use case					
			hat the creation					
			ing to "Duplicat	ion detection ru	iles" defined in	n Associated		
		ion of this use			1.1 .11 .	T 1		
			ew Lesson and	informs the Put	blisher that this	s Lesson has		
	been crea 7. Use case							
Extensions:		idation rule vi	alation					
Extensions.			ne Publisher that	t an input valid	ation rule is vi	olated and		
			ocation of the er			orated and		
			cts the mistake a		ten 4 of norma	1 flow		
			ble duplicates of			1 110 W.		
			ne Publisher that			eate already		
	exists in th							
			oses to correct t	he mistake and	returns to step	4 of normal		
			nate the use case		1			
Priority:	High							
Frequency of Use:	Approximatel	y one user, ave	erage of 10 usag	e.				
Business Rules:	Publisher is th	e only user all	owed to create t	the Lesson				
Associated	Details:	¥						
Information:	Property	Data type	Editability	Validation	Effect of	Reference to		
	name Lesson	Integer	Yes	rule Required	change N/A	2.9		
	Number	integer	105	Required	IN/A	2.9		
	Lesson Name	String	Yes	Required	N/A	2.9		
	Deviliantian d							
	Duplication de	on Number						
	• Lesso	Jii Number						
	The User shell	The User shall be able to cancel the use case at any time prior to submitting it.						
Related Use Cases			icer une use case	at any time pr		ng n.		
Assumptions:								
Open Issues:								
Open issues:								

Create a Lesson Content

UC ID and Name:	UC-05: Create a Lesson Content						
Created By:	Quynh Dong	Date Created: 02/03/2023					
Primary Actor:	Publisher	Secondary Actors:					
Trigger:	The Publisher indicates to cre	eate a new Lesson Cont	ent				
Description:	The Publisher wants to create	e a new Lesson Content	, so that Lesson Content can be added				
	to the System	to the System					
Preconditions:	PRE-1. The Publisher is logged into the system.						

	PRE-2. The I	PRE-2. The Publisher has the "create" privilege. See Business Rules of this use case.					
Postconditions:	POST-1. The	POST-1. The new Lesson content is stored in the System.					
Main Success	1. The Publis	her indicates to	create a new L	esson Content.			
Scenario:	2. The Syster	n asks the Publ	isher to enter th	e details of this	new Lesson.		
				w Lesson Conte		ns she has	
	finished.						
	4. The Syster	n validates the	Publisher's inpu	uts according to	"Details" defi	ned in	
		formation of th		U			
	5. The Syster	n saves the new	Lesson conten	t and displays v	ocabulary list	that is generated	
	from content.			1 5	5	0	
	6. Use case e	nds.					
Extensions:	4a. Input va	idation rule vi	olation				
				t an input valida	tion rule is vi	olated and	
			ocation of the en				
				and returns to st	ep 4 of norma	l flow.	
Priority:	High				•		
Frequency of Use:	Approximate	ly one user, ave	erage of 10 usag	ge.			
Business Rules:	Publisher is t	he only user all	owed to create	the Lesson conte	ent		
Associated	Details:	-					
Information:	Property	Data type	Editability	Validation	Effect of	Reference to	
	name			rule	change	glossary	
	Title	String	Yes	Required	N/A	2.9.1	
	Content	String (html)	Yes	Required	N/A	2.9.1	
	The User sha	ll be able to car	ncel the use case	e at any time pri-	or to submittin	ng it.	
Related Use Cases	UC-09: Integ	UC-09: Integrate Vocabulary					
Assumptions:							
Open Issues:							

View a Lesson

UC ID and Name:	UC-06: View a Lesson		
Created By:	Quynh Dong	Date Created:	02/03/2023
Primary Actor:	All Users	Secondary Actors:	
Trigger:	The User indicates to view th	e details of a Lesson.	
Description:	The User wants to view the d	etails of a Lesson, so th	at she can access all lesson materials.
Preconditions:	PRE-1. The User is logged in	to the System.	
	PRE-2. The User has the "vie	w" privilege. See Busin	ness Rules of this use case.
Postconditions:	POST-1. The materials of the	e specified lesson are di	splayed to the User.
Main Success	1. The User chooses a Less	son to view.	
Scenario:	2. The System retrieves an	d displays the Lesson C	Content according to "Details" defined
	in Associated Information	on.	
	3. The User indicates to vie	ew the Book tab.	
	4. The User views the Less	son content displayed.	
	5. The User chooses red w		
	6. The System shows a pop	p-up containing the deta	ails of the chosen vocab.
	7. The User indicates to view		
			cording to "Details" defined in
	Associated Information.		
	9. The User indicates to vie	ew the Vocab tab or goe	es to Step 11.
			ccording to "Details" defined in
	Associated Information.		
	11. The User indicates to view		
			according to "Details" defined in
	Associated Information.		

	13. Use case	13. Use case ends.							
Extensions:									
Priority:	High	High							
Frequency of Use:	Approximatel	y 1000 users, a	verage of 4,5 u	sages per week.					
Business Rules:		•							
Associated	Details:								
Information:	Property name	Data type	Editability	Security/access concerns	Reference to glossary				
	Title	String	No	User	2.9.1				
	Content	String(html)	No	User	2.9.1				
	Vocab	Object	No	User	2.4.2				
	Pinyin	String	No	User	2.2				
	Grammar	Object	No	User	2.4.1				
Related Use Cases:	UC: Create a	Lesson							
	UC: Change a								
	UC: Delete a	Lesson							
Assumptions:									
Open Issues:									

Change a Lesson

UC ID and Name:	UC-07: Chang	UC-07: Change a Lesson							
Created By:	Quynh Dong		Dat	te Created:	02/03/202	3			
Primary Actor:	Publisher		Seconda	ary Actors:					
Trigger:	The Publisher	indicates to ch	ange the de	tails of an ex	isting Less	on.			
Description:	The Publisher	wants to chang	ge the detail	s of an exist	ing Lesson.				
Preconditions:	PRE-1. The Pu	ublisher is logg	ed into the	System.					
	PRE-2. The Pu	ublisher has the	e "change" j	privilege. Se	e Business	Rules of thi	is use case.		
Postconditions:	POST-1. Chan	iges made to th	e Lesson ar	e stored in th	he System.				
Main Success		isher indicates			an existing	Lesson.			
Scenario:		isher views the							
		isher makes ch	anges to thi	s Lesson unt	il confirmi	ng that she	has finished		
	changing								
		em validates th			ording to "I	Details" def	fined in		
		ed Information			1.1.1		.		
	•	em saves the ch	nanges and o	insplays the	updated def	ails of this	Lesson.		
F (1) (1)	6. Use case		1.49						
Extensions:	4a. Input vali					in	and disulari		
		ystem alerts th and location of		an input vali	uation rule	is violated	and displays		
		User corrects the		nd returns to	sten 3 of n	ormal flow			
Priority:	Medium		e mistare di		step 5 01 li	ormai now.			
Frequency of Use:	Approximately	vone liser ave	rage of 0.1	usage ner m	onth				
Business Rules:	Publisher is th								
Associated	Details:	e only user and		inge the utta		L			
Information:	Property	Data type	Editabilit	Validation	Effect of	Warning	Reference		
information.	name	zam gpo	у	rule	change		to glossary		
	Lesson	String	No	Required	N/A	N/A	2.9		
	Number	-		-					
	Lesson Name	String	Yes	Required	N/A	N/A	2.9		
	Notification:								
		ies teacher and	students a	lesson has h	een change	d			
	• Notifies teacher and students, a lesson has been changed.								

	The User shall be able to cancel the use case at any time prior to submitting it.
Related Use Cases:	The User may first choose to <u>UC-06: View a Lesson</u> , then decide to change it.
Assumptions:	
Open Issues:	

Delete a Lesson

UC ID and Name:	UC-08: Delete a Lesson						
Created By:	Quynh Dong	Date Created:	02/03/2023				
Primary Actor:	Publisher	Secondary Actors:					
Trigger:	The Publisher indicates to de						
Description:	The Publisher wants to delete						
Preconditions:	PRE-1. The Publisher is logg	ed into the system.					
			Business Rules of this use case.				
Postconditions:	POST-1. The Lesson is delet in Associated Information of		ording to "Deletion strategy" defined				
Main Success	1. The Publisher indicates		69 0 7				
Scenario:		Ũ	sson. sher's intention to delete.				
Scenario.	3. The Publisher chooses t		sher's intention to delete.				
			arried out according to "Data integrity				
			lling strategy" defined in Associated				
	Information of this use of		ining strategy defined in Associated				
			of this deletion according to "Data				
			ted Information of this use case,				
	warns the User about the						
	6. The User confirms delet						
			on strategy" and "Referring objects				
			nation of this use case and alerts the				
	User that this Book has						
	8. Use case ends.						
Extensions:	4a. Data integrity and delet	ion rule violation					
			le is violated and displays the nature				
	of the violation.						
	4a2. The System prompts	possible actions to reso	olve the violation.				
	4a3. Use case terminates.						
Priority:	High						
Frequency of Use:	Approximately one user, ave	rage of 1 usage per mon	th.				
Business Rules:	Publisher is the only user allo	owed to delete the book					
Associated	Deletion strategy:						
Information:	 Physical delete: period 	manently remove the bu	siness domain object from the				
	System (cannot be r	ecovered)					
	Referring objects handling st						
	Specify what action to take in	-	objects of Book				
	• In case of compositi						
	*	5	ng with Book, aka cascading deletion				
	Data integrity and deletion ru						
	•Referring objects	e e.	11 11 11 11 11 11 11 11 11 11 11 11 11				
			l be deleted along with Book				
	The User shall be able to cancel the use case at any time prior to submitting it.						
Related Use Cases:							
Assumptions:							

Integrate the Vocab

UC ID and Name:	UC-09: Integrate vocabulary					
Created By:	Quynh Dong	Date Created	: 02/03	/2023		
Primary Actor:	Publisher	Secondary Actors	:			
Trigger:	A new Lesson Content is c					
Description:	Publisher can add Vocab de	etail to the vocab list ge	nerated a	fter Lesson C	ontent is created.	
-		-				
Preconditions:	PRE-1: The Publisher is log	gged into the System.				
	PRE-2: The new Lesson Co					
Postconditions:	POST-1: The database is up	odated with changes.				
	POST-2: The content is ref	lected on the Lesson vie	ew			
Main Success	1. The Publisher created	a new Lesson Content.				
Scenario:		a vocab list from the L		ontent.		
		etails to each vocab in the				
	Repeat step 3 until fini	shed.				
		ns that she has finished.				
		the Publisher's inputs a	ccording	to "Details" o	defined in	
	Associated Information					
		changes by sending the				
	-	ne Book tab and display		anges.		
Extensions:		the Vocab tab with char	iges.			
Extensions:	5a. Input validation rule 4a1. The System alerts		ut volida	tion mile is vi	alatad and	
	displays the nature and		out vanua	ation fulle is vi	orated and	
	4a2. The Publisher corr		urns to st	en 4 of norma	al flow	
Priority:	High	cets the inistance and fet	unis to 50	ep i or norma		
Frequency of Use:	Approximately one user, 10) usages				
Business Rules:	Publisher is the only users		vocabula	ary in the Less	son	
Associated	Details:					
Information	Property Data type	5	lidation	Effect of	Reference to	
	name Pinyin String	Yes Red		change N/A	glossary N/A	
	PinyinStringTypeString		juired juired	N/A N/A	N/A N/A	
	Meaning String Yes Required N/A N/A					
	The User shall be able to ca	ancel the use case at any	v time pri	or to submittin	ng it.	
Related Use Case	UC-05: Create a Lesson Co	ontent				
Other Information:						
Assumptions:						

Create a Question

UC ID and Name:	UC-10: Create a Question				
Created By:	Quynh Dong	Date Created:	02/07/2023		
Primary Actor:	Teacher	Secondary Actors:			
Trigger:	The Teacher indicates to create a new question in the Question Bank of a lesson.				
Description:	The Teacher wants to create a new question, so that the system shows the prompt to create				

	a new questi	on.				
Preconditions:			ged into the syste	em.		
			e "create" privile		s Rules of this	use case.
Postconditions:			is stored in the S	•		
Main Success			es to create a nev			
Scenario:	2. The Sys	stem asks the T	Teacher to enter t	he details of this	s new question	according to
	"Details	s" defined in A	ssociated Inform	nation of this use	e case.	-
			e details of this n			
			the Teacher's inp		o "Details" def	ined in
			on of this use case			
	•	stem saves the	new question an	d displays the ne	ew question lis	t in question
	bank.					
	6. Use cas					
Extensions:		lidation rule		• • • • • •		. 1 1
			the Teacher that		ion rule is viola	ated and
			location of the en cts the mistake an		n 2 of normal f	1
Priority:	High	Teacher correc	ets the mistake a	ind returns to ste	p 5 of normal i	low.
Frequency of Use:		ly 1 usor avor	age of 1 usages	oor wook		
Business Rules:			brity to create a n			
Associated	Details:	a has the autic	nty to create a n	ew assignment		
Information:	Property	Data type	Editability	Validation	Effect of	Reference to
momunom	name			rule	change	glossary
	Question	String File	Yes	Required	Question is created	2.8
	Answer	String File	Yes	Required	Answer is created	2.8.1
	Duplication detection rules:					
	• N/A					
	The Teacher shall be able to cancel the use case at any time prior to submitting it.					
Related Use Cases	Ine Teacher	snall be able t	o cancel the use	case at any time	prior to submi	tung it.
Assumptions: Open Issues:						
Open issues:						

Create an Assignment

UC ID and Name:	UC-11: Create a Assignment					
Created By:	Quynh Dong	Date Created:	02/07/2023			
Primary Actor:	Teacher	Secondary Actors:				
Trigger:	The Teacher indicates that sh	The Teacher indicates that she want to create a new Assignment				
Description:	The Teacher wants to create	The Teacher wants to create a new assignment, so the System shows her all question of				
	the lesson from the Question Bank					
Preconditions:	PRE-1. The Teacher is logge	d into the System.				
	PRE-2. The Teacher has the "view" privilege. See Business Rules of this use case.					
Postconditions:	POST-1. The details of the specified Assignment are displayed to the Teacher.					
Main Success	1. The Teacher indicates to create a new assignment.					
Scenario:	2. The System retrieves an	d displays the Question	Bank of the lesson.			

	 The Teacher chooses questions that she wants to be included in the assignment and assigns points to them. The Teacher confirms that she wants to create a new Assignment. The System validates the Teacher's inputs according to "Details" defined in Associated Information of this use case. The User views the details of this assignment. Use case ends. 					
Extensions:	-	alidation rule				
		•		nat an input valida	tion rule is violat	ed and
	1 *		d location of th			
		e Teacher corr	ects the mistak	e and returns to ste	ep 3 of normal fl	ow.
Priority:	High					
Frequency of Use:	Approximat	ely 30 user, a	verage of 20 us	ages per year.		
Associated	Details:					
Information:	Property name	Data type	Editability	Validation rule	Security/access concerns	Reference to glossary
	Point	Positive Integer	Yes	Required	N/A	N/A
	The Teacher shall be able to cancel the use case at any time prior to submitting it.					
Related Use Cases:		ate an answer		J. J	*	0
Assumptions:	_					
Open Issues:						

Create an Answer

UC ID and Name:	UC-12: Create an answer				
Created By:	Quynh Dong	Date Created:	02/07/2023		
Primary Actor:	Student, Teacher	Secondary Actors:			
Trigger:	The Student indicates to crea	te a new answer for the	question.		
Description:	The Student wants to create a	a new answer for the qu	estion.		
Preconditions:	PRE-1. The Student is logged	d into the System.			
	PRE-2. The Student has been	added to the Section.			
	PRE-3. The assignment is cre	eated in that Lesson.			
Postconditions:	POST-1. New answer is store	ed in the System.			
Main Success	1. The Student choose	s a question from the as	signment.		
Scenario:	2. The Student indicate	es to create a new answe	er for the question.		
	3. The System shows a	a prompt to let the Stude	ent choose the answer type and give		
	an answer for such t				
		he details of the answer	and confirms that he wants to submit		
	the answer.	- 41 - C4- 142- in4	"D-4-il-" defined in		
		tion of this use case.	according to "Details" defined in		
			stem and displays all answers of the		
		he private setting is pub			
	7. Use case ends.	the private setting is put	sne.		
Priority:	High				
Frequency of Use:	Approximately 100 user, ave	rage of 5 usages per we	ek.		
Business Rules:	5a. Input validation rule vie				
2 doniess reares.	-		validation rule is violated and		
	displays the nature and lo				
			s to step 3 of normal flow.		

Associated	Details:						
Information:	Property name	Data type	Editabilit y	Validation rule	Effect of change	Warning	Reference to glossary
	Answer	String File	Yes	Required	N/A	N/A	2.8.1
	The Student	shall be able to	o cancel the as	ssignment at	any time p	prior to subn	nitting it.
Related Use Cases:	The Student shall be able to cancel the assignment at any time prior to submitting it. UC-11: Create an Assignment						
Assumptions:							
Open Issues:							

Create a Forum

UC ID and Name:	UC-13: Create a Forum						
Created By:		Chase Lennartson Date Created: 02/19/2023					
Primary Actor:	Teacher		Secondary Ac				
Trigger:		ints to create a fo					
Description:	The teacher a	accesses the clas	s and chooses to	create	a new for	um.	
Preconditions:			l into the system.				
Postconditions:			lated with change	s.			
			s updated to refle		change.		
Main Success	1. A st	udent/teacher er	iters the name of	the new	w forum.		
Scenario:	2. The	student/teacher	selects the type o	f foru	n: private	or public.	
	3. Stud	lent/teacher con	firms the input.		-	-	
		tem validates the					
			w forum using th				
	~		w forum in the da	atabase	e.		
Extensions:	-	lidation rule vi					
			e User that an inp	out vali	dation ru	le is violated	and displays
		e and location of					
		User corrects th	e mistake and retu	arns to	step 4 of	normal flow.	
Priority:	Low						
Frequency of Use:	N/A						
Business Rules:		r is able to creat	e a forum				
Associated	Details:		1				
Information:	Property name	Data type	Editability	Valid rule	ation	Effect of change	Reference to glossary
	Title	String	Yes	Requi	red	Title of forum	2.13
						is created	
	Content of	String	Yes	Requi	red	Content of	2.13
	forum					forum is created	
	Duplication detection rules:						
	• N/A						
		The teacher shall be able to cancel the use case at any time prior to submitting it.					ng 1t.
Related Use Cases	Interact with						
Assumptions:	Class is activ	e					
Open Issues:							

Interact with Forum

	UC 14 C							
UC ID and Name:		ment on Forum						
Created By:		Chase Lennartson Date Created: 02/19/2023						
Primary Actor:	Teacher/stud		Secondary Actor					
Trigger:			see and post to a for	um.				
Description:		ses a forum and						
Preconditions:			ed in a class that the					
			e to see and reply to	the targete	d forum.			
Postconditions:			lated with changes.					
			s updated to reflect the					
Main Success			ccesses the forum bo					
Scenario:			dicates they want to			forum.		
			s information from th	ne database				
		tem displays the						
			enters the input.		~ .			
			uploads audio, video	o or image	files to the inpu	ıt.		
		n happen in any						
		r confirms the ir						
		tem validates the						
			put to the database.					
F (10. System displays the new reply7a. System fails to validate the input: missing input.						
Extensions:			e student/teacher to e		wired inputs			
Priority:	Low	. System asks m			funca inputs.			
Frequency of Use:	N/A							
Business Rules:	IN/A							
Associated	Details:							
Information:	Property	Data type	Editability V	alidation	Effect of	Reference to		
information.	name	2 ana type		ıle	change	glossary		
	Title	String		equired	Title of forum is created	N/A		
	Content of forum	Content of String Yes Required Content of N/A						
	Post							
	Duplication detection rules: • N/A							
	The teacher/s	student shall be a	able to cancel the use	e case at an	y time prior to	submitting it.		
DI LUI C	The teacher/student shall be able to cancel the use case at any time prior to submitting it. UC-13: Create a Forum							
Related Use Cases	UC-13: Crea	UC-13: Create a Forum						
Assumptions:	UC-13: Crea Class is activ							

Create an Exam

UC ID and Name:	UC-15: Create an Exam					
Created By:	Chase Lennartson	Date Created:	04/15/2023			
Primary Actor:	Teacher	Secondary Actors:				
Trigger:	The Teacher indicates that sh	The Teacher indicates that she want to create a new Exam				
Description:	The Teacher wants to create a new assignment, so the System shows her all question of					
	the lesson from the Question Bank					

Preconditions:	PRE-1. The	Teacher is lo	gged into the S	vstem.			
110001101101101	PRE-1. The Teacher is logged into the System. PRE-2. The Teacher has the "view" privilege. See Business Rules of this use case.						
Postconditions:	POST-1. The details of the specified Assignment are displayed to the Teacher.						
Main Success							
Scenario:	2. The System displays the date and length of the exam that should be set.						
	3. The System retrieves and displays the Question Bank of the lesson.						
	4. The Teacher chooses questions that she wants to be included in the exam and assigns points to them.						
	5. The Teacher confirms that she wants to create a new Exam.						
	6. The System validates the Teacher's inputs according to "Details" defined in						
	Associated Information of this use case.						
	7. Th	7. The User views the details of this assignment.					
	8. Us						
Extensions:	-	alidation rule					
				nat an input valida	tion rule is violat	ed and	
	displays the nature and location of the error.						
	5a2. The Teacher corrects the mistake and returns to step 3 of normal flow.						
Priority:	High						
Frequency of Use:	Approximately 30 user, average of 20 usages per year.						
Associated	Details:						
Information:	Property name	Data type	Editability	Validation rule	Security/access concerns	Reference to glossary	
	Point	Positive	Yes	Required	N/A	N/A	
		Integer					
	The Teacher shall be able to cancel the use case at any time prior to submitting it.						
Related Use Cases:	<u>UC-12: Cre</u>	ate an answer					
Assumptions:							
Open Issues:							

Create an Exam Answer

UC ID and Name:	UC-16: Create an Exam answer					
Created By:	Chase Lennartson	Date Created:	04/15/2023			
Primary Actor:	Student, Teacher Secondary Actors:					
Trigger:	The Student indicates to creat	te a new answer for the	question.			
Description:	The Student wants to create a	new answer for the qu	estion.			
Preconditions:	PRE-1. The Student is logged	PRE-1. The Student is logged into the System.				
	PRE-2. The Student has been	PRE-2. The Student has been added to the Section.				
	PRE-3. The exam is created in that Lesson.					
Postconditions:	POST-1. New answer is stored in the System.					
Main Success	8. The Student chooses a question from the exam.					
Scenario:	9. The Student indicates to create a new answer for the question.					
	10. The System shows a prompt to let the Student choose the answer type and give an answer for such type.					
	11. The Student enters the details of the answer and confirms that he wants to submit the answer.					
	12. The System validates the Student's inputs according to "Details" defined in Associated Information of this use case.					
	 The System saves the new answer to the System and displays all answers of the question for him if the private setting is public. 					
	14. Use case ends.					
Priority:	High					

Frequency of Use:	Approximately 100 user, average of 5 usages per week.						
Business Rules:	5a. Input validation rule violation						
	5a1. The System alerts the Student that an input validation rule is violated and						
	displays the nature and location of the error.						
	5a2. The	5a2. The Teacher corrects the mistake and returns to step 3 of normal flow.					
Associated	Details:	Details:					
Information:	Property name	Data type	Editabilit y	Validation rule	Effect of change	Warning	Reference to glossary
	Answer	String File	Yes	Required	N/A	N/A	2.8.1
	The Student shall be able to cancel the assignment at any time prior to submitting it.						
Related Use Cases:	UC-15: Create an Exam						
Assumptions:							
Open Issues:							

View Profile

UC ID and Name:	UC-17: View Profile						
Created By:	Chase Lennar	tson	Date Cr	reated:	04/15/202	23	
Primary Actor:	All Users		Secondary A	ctors:			
Trigger:	The User indi	cates to view th	ne details of their	r profile	•		
Description:	The User wants to view the details of their profile						
Preconditions:	PRE-1. The User is logged into the System.						
	PRE-2. The User has the "view" privilege. See Business Rules of this use case.						
Postconditions:	POST-1. The user information is displayed to the user						
Main Success		1. The User chooses the cogwheel to view their profile.					
Scenario:			ne, last name is d	isplayed	1.		
	3. The	profile picture i	is displayed				
	4. Ther	e is a colored d	ot that indicates	if the us	ser is active	e or not.	
	5. Use of	case ends.					
Extensions:							
Priority:	Low	Low					
Frequency of Use:	Approximately 50 users, average of 2 usages per week.						
Business Rules:							
Associated	Details:						
Information:	Property name	Data type	Editability	Secur conce	ity/access rns	Reference to glossary	
	First Name	String	No	User		2.10.1	
	Last Name	String	No	User		2.10.2	
Related Use Cases:							
Assumptions:							
Open Issues:							