

Sep 19 - Sep 26, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Weekly team meeting on Sep 21, 2022	Set the role for each member; Look at last year documents; Agree on riogrande website display; Discuss about how to work with clients and previous team effectively	1	1.5	Done	
All	Meeting	Meeting with clients on Sep 23, 2022	Client wants to add more features and improve the current interface	1	1	Done	
Quynh Dong	Research	Get used to the previous platform of the project	Research the old project to see what has been done; Get used with the demo to understand the functions	1	1.5	Done	
	Documentation	Find the static website to use as the riogrande report website	Decided to modify and simplify the static website template to make it easier to show different kinds of document	1	0.5	Done	
Chase Lennartson	Research	Explore previous platform to see the layout and different functionalities of the website.	Went through the previous website to see and understand the different functions.	1	1	Done	
Vipul Lade	Research	analysis of previous year code base and understanding client's expectations.	Reviewing the already deployed codebase and develop a clear idea about further improvement	1	1	Done	
Bao Nguyen	Research	Understanding previous project platform.	Reviewed, got familiar with the previous website. Looked at github resources	0.5	1	Done	1. Can not create account as teacher account. 2. dont have the back button or nav in the register page(need improve)
	Research	VueJs review	Review the VueJs videos from youtube	0.5	0.5	Done	

Sep 26 - Oct 3, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Weekly team meeting on Sep 27,2022	Discussion about frontend, interface, use cases, decided language using for project	2	3	Done	
All	Meeting	Meeting with clients on Sep 30, 2022	Show client the sketches of frontend interface	1	1	Done	
Bao Nguyen	Documentation	Draw sketches	Draw the basic idea of frontend interfaces. Research some idea from Zybook and D2L	1	1.5	Done	
		Use cases	Create/modify use case UC14 teacher create test question	1	0.5	Done	
	Research	React Js Study	Watch ReactJs from youtube	1	1	Done	
Quynh Dong	Documentation	Use cases	UC9: Student joins a class	1	0.5	Done	
	Research	Find similar platforms to develop ideas on the current project	Refer to Zybook and D2L design and functions to brainstorm the overall looks and use cases of the product	1	2	Done	
Chase Lennartson	Documentation	Use cases	UC12: Teacher creates homework assignment	1	0.5	Done	
	Research	MongoDB research	Watch over MongoDB videos on youtube. Review important topics that will be useful for project.	1	1	Done	
Vipul Lade	Documentation	Use cases	UC: Student does homework	1	1	Done	
	Research	Planning Database Structure	Worked on finding out best ways we could design database	1	1	Done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Weekly team meeting on Oct 4, 2022	Discussion about frontend, interface, use cases, decided language using for project	2	3	Done	
Vipul Lade	Database	Structure database	Have a blueprint of the mongodb done	2	1	Done	
	testing	research PR gate and mocha/chai	have a idea and ready to present how we propose to have testing	1	1	done	
Bao Nguyen	Research	React JS study	Continue review React Js from youtube	1	1	Done	
Chase Lennartsc	Database	Structure database	Discussed layout of MongoDB with Vipul	2	1	Done	
Quynh Dong	Back End	Create the git folder for the project	Create back-end folder structure and add to main branch	2	1.5	Done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Weekly team meeting on Oct 13, 2022					
Quynh Dong	Research	Entity relationship in mongoDB	Understand the correct way to map different entities according to their relationship	1	1.5	Done	
		Setting up Spring Boot with mongoDB	Understand the use of different annotations & MongoRepository interface	1.5	1.5	Done	
	Back End	Create 3 API calls	FindAUser, FindASection, FindAllStudentInASection	1	1	Done	
Chase Lennartsc	Database	Insert Mock Data	Provided mock data into the database	1	1	Done	
		Added section column	Created a new section column in the database	0.5	0.5	Done	
	Research	Data relationships in MongoDB	Research the data relationships throughout MongoDB. Understand the different types of relationships	1	1	Done	
Bao Nguyen	Research	Relationships in MongoDB	Understand how it work on MongoDB	0.5	1	Done	
	FrontEnd	Create landing page	Create very first landing page for the project in React, create some components/routes/log in	2	3	Done	
		Make complete routes/pages	On processing making complete page to show client next week	3	1.5	In Progress	
Vipul Lade	research	Entity relationship in mongoDB	finding out most efficient ways to connect different collections in mongo db	1	1	done	
	research	find best way to integrate testing	explored different testing framework then decided to go with github actions	1	1	done	
	CI/CD	Configuring CI/CD pipeline	configuring cicd pipline and preparing containerization of backend	1.5	1.5	in progress	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Weekly team meeting on Oct 20, 2022	Go through CI/CD and use cases in 1st iteration, frontend demo	1.5	1.5	Done	
All	Meeting	Weekly meeting with client on Oct 21, 2022	Show client front-end demo and clear other requirements about book implementation	1	1	Done	
Chase Lennartsc	Documentation	Rewrite Use Cases on new template	Filled in certain use cases in the new designed template	1	1.5	Done	
	Research	Review how to use CRUD options within MongoDB	Researched multiple ways to use CRUD methods within a Mongo Repository.	1	1	Done	
Bao Nguyen	Frontend	Create Interface	Finished build the page for UI	4	6	Done	
	Research	Review VUE3	Re watch videos for rebuild the Frontend as requirement	1	1	Done	
		Test + Document	Write test cases for 3 APIs and add comments to each methods	2	2	Done	
Quynh Dong	Backend	Successfully connect backend with mongoDB	Understand the use of DBRef and @Document annotation	1	2	Done	
	Documentation	Create a guide in google drive folder to assure the quality of backend code for all team	Show how to insert data in mongoDB to create DBRef object; how to write comments in the back-end; how to use mockito to write unit tests	2	1	Done	
		Create presentation slides	Prepare slides for the first presentation	1	1	Done	
Vipul Lade	Research	Research frameworks to integrate	Trying to find frameworks that would help in text-to-speech, trans	2	2	done	
	CI	Configured cicd yml script.	Testing out different ways to build test and deploy the project	2	1	in progress	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Weekly team meeting on Oct 25, 2022	Go through client's requirement and design solution to integrate textbook	1.5	1.5	Done	
Quynh Dong	Backend	Manage Vocab + Lesson	Create Vocab + Lesson entity, controller, service with test and comments	3	4	Done	
	Research	Review Vue.js	Review old projects using Vue.js to understand data-binding and Vue template	2	1	Done	
Chase Lennartsc	Research	Learn about VueQuill Text Editor	Research and learn how to use the Vue Quill Text editor and how to create components using it	1	1	Done	
	Frontend	Build a component	Play with the components within Vue Quill. Tried to create a component that saves words only in bold after clicking "save"	1	1.5	In Progress	
Vipul Lade	Workflow	built, test, deploy script	Used github actions to configure cicd scitps	2	1		
Bao Nguyen	Frontend	Create Interface	Finished build the page for UI	4	4	Done	
	Research	Review VUE3	Re watch videos for rebuild the Frontend as requirement	1	1	Done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Quynh Dong, Bao Nguyen, Chase Lennartson	Meeting	Team meeting with Dr. Wei	Report the project's process	0.5	0.5	Done	
Bao Nguyen	Documentation	Create Software Requirements Specification (SRS) documentation	Edit/add the content for SRS	2	2	Done	//Need to modify in the future if needed
		Create publisher view	Create publisher view on front-end, add Vue Text-editor on publisher's role	3	2.5	Done	
	Front-end	Connect front-end back-end	In a trial to implement CRUD for book/textbook material	3	2	Done	
Chase Lennartson	Documentation	Create Glossary Document	Added the terms used in project into the glossary document	2	2	Done	New terms can be added in the future
	Front-End	Work on custom quill editor	Create a component using the QuillJS editor to save bold text when a button is clicked	3	2	Done	
Vipul Lade	Project Build	To make sure ci works correctly	Even after having a correct script, the project wasn't building. And I played around with pom.xml and ci script while researching on how to make it work.	1	1	done	Still Doesn't build. But now it is a project issue, but not a script issue.
	Front-End	Reviewed Vue.js more	Review of all the necessary things for Building an component for vocab section of the app.	1	1	done	
Quynh Dong	Documentation	Work on Iteration Plan I	Assign tasks to members given the estimated effort for each task	1	1	Done	
	Front-end	Understand front-end codebase	Pull front-end repo and create a new branch for future work. Understand the routing structure and components that have been built	1	1	Done	
	Back-end	Complete CRUD with test for Lesson + Vocab	Working on UD for lesson, U for vocab	1	1.5	Done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments		
All members	Meeting	Team meeting	Discussion about publisher's view layout and details about lesson/vocab creation	1.5	1.5	Done			
Quynh Dong	Back-end	Update vocab	Implementing update vocabs api	0.5	0.5	Done	Still need Test cases		
	Back-end	Front-end - Back-end connection	Resolved cors error and test api calls in front-end	1	1.5	Done			
	Front-end	BookEditor components design	Custom VueQuill, extract title/content from one lesson, extract red words and yellow words for vocab creation implementation	1	2	Done			
	Front-end	Pair Programming	Debug vocab creation implementation with Vipul	0.5	1	Done			
Vipul Lade	Front-end	Vocab component	Taking given words, populating a table, taking input from the tables to store in the objects for job	3	5	Done			
Chase Lennartso	Back-end	Vocab API	Implemented API of vocab on front-end	2	2	Done			
	Front-end	Collaborate with Vipul	Spent time discussing how we would implement new Vocab component	1.5	1.5	Done			
Bao Nguyen	Back-end	C,U,D Lesson	Review backend and complete CRUD for lesson entity + testing on Postman	2	2.5	Done			
	Back-end	Front-end - Back-end connection	Attempted to connect Front-end back-end	1	2	Done	Failed to call Apis and asked Quynh for help		
	Front-end	Publisher view	Create a view to CRUD of lesson	3	4	Done	Get some issue with API call		

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Team meeting	Show demo for Publisher CRUD Lessons , BookEditor, Book preview	1.5	1.5	Done	
Quynh Dong	Front-end	Book component	Implementing vocabs toggle with popover showing their meaning/pinyin/type	2	4	Not Done	Popover dismiss bug + request/progra m race condition (asked Bao to help)
	Front-end	Book Editor component	Post request to send title/content	1	2	Done	
Bao Nguyen		Publisher view	Update the publisher view (inclu	1	1	Done	
		Student view	implementing the student view in	3	2.5	Done	
		Tab component	Fixing the tab table in both public	1	1	Done	
		Lesson Component	Fixing user not able to change L	1	0.5	Done	
	Front-end	Navbar component	Small fix NavActive interface	0.5	0.5	Done	
Chase Lennartsc	Back-end	Complete CRUD for Questions	Review Back-end and complete the CRUD for Question entity	2	3	Done	
	Database	Edit Database	Edit the database to remove the homework entity and edit the question entity	1	1.5	Done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Bao Nguyen, Vipul Lade	Meeting	Team meeting	review Vipul's work on Vocabs component and go over the pinyin idea	1	0.5	Done	
Bao Nguyen, Chase Lennartson	Meeting	Team meeting	Go over the backend of Question APIs, testing, fixing APIs on postman	1	2	Done	
Bao Nguyen	Back-end	Review question entity	Review the Question entity from Chase's work	1	0.5	Done	
Quynh Dong	Bugs Fixed	Save vocabs has duplicated elements	Modify back-end for VocabService to prevent duplication	1	1	Done	
	Bugs Fixed	Toggle vocabs missing popover for some vocabs	Modify front-end logic, fix index error	1.5	1.5	Done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Team meeting	Discussion about winter iteration and progress made	1.5	1.5	Done	
Chase Lennartsc	Back-end	CRUD Homework	Complete CRUD for the Homework entity and test the API's on Postman	2	2	Done	
	Back-end	Add additional test cases for Question	Added additional test cases for Question for both the controller and service	2	3	Done	
Quynh Dong	Front-End	Teacher creates section	Teacher creates a section within a class	2	2	Under Testing	
	Front-End	Student joins section	Student joins a section from class code	2	2	In progress	
	Back-end	CRUD User and Section	Work on CRUD for both user and section entities in the back-end	3	3	In progress	
Bao Nguyen	Front-End	Login/Signup	Work on Auth0 for login and authentication. Let users have ability to create a username and password and to log in	5	5	In progress	
Vipul Lade	Front-End	Grammar tab component	Work on superscript part of grammar tab. There will may be superscript near a word and this word will have pronunciation of the pinyin	5	5	In progress	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1.5	1.5	Done	
Chase Lennartsc	Back-end	Back end test cases for homework entity	Began to add new test cases for the back-end of homework entity. Added test cases for the controller and service	2	3	In progress	
	Documentation	Update current glossary	Updated the glossary by updating current definitions and adding new key terms such as superscript and the question/homework terms	2	2	Done	
Quynh Dong	Full-stack	Publisher creates question bank	Publisher can create a question bank and add questions within it	3	3	Done	
	Full-stack	Teacher creates HW	Teacher can create a HW assignment inside a lesson and put grade into certain question	3	5	Done	
Bao Nguyen	Full-stack	Login/Signup	Continue to work on the login and authentication part for Auth0	6	6	Done	
	Database	Direct Auth0 to MongoDB user	Not using the direct custom database from Auth0, then re-do it by transferring data retrieve from Auth0 to mongoDB	4	5	Done	
Vipul Lade	Front-End	Grammar tab component	Update and fix certain parts of the Grammar tab. Continue to work on superscript part of tab for pinyin	5	5	In progress	

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All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1.5	1.5	Done	
Chase Lennartsc	Front-End	User can see profile	Create a component for a user to see their profile information. Information from database will be stored in fields automatically	3	4	Under Testing	
	Documentary	Update Use Cases and Glossary	Update certain use cases and glossary terms to keep up to date	1	1	Done	
	Back-end	Add test cases	Continue to add additional mockito test case classes	3	3	Done	
Quynh Dong	Front-end	Assignment tab	Teacher/Student can answer to a question (text type)	3	4	Done	
	Back-end	Endpoints for "Do homework"	Creating GradedQuestion, Answer entity and their endpoints to support "Do homework" feature	3	5	Not Done	Need further research for audio type
	Documentary	Update Glossary	Update new terms to Glossary	0.5	0.5	Done	
	Documentary	Update Use Cases	Work on UC-01; UC-04; UC-05; UC-06; UC-07; UC-08; UC-09	3	4	Done	
Bao Nguyen	Back-end	Student join section	Creating functions CRUD that Student can join Section	3	3	Under testing	
	Front-end	Display sectionbyUsername	Dashboard can display section list depend on User (Teacher)	4		Not Done	
	Front-end	Display username by section	Teacher can see list of students in his/her section	4		Not Done	
Vipul Lade	front-end	Display grammar tab and table	traverse through the text and automatically create a table based on the certain rule agreed upon	5	5	Done	

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All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1.5	1.5	Done	
Chase Lennartsc	Documentation	Update Glossary	Update and add glossary documentation	1	1	Done	
	Back-end	Unit Test Cases	Add additional unit test cases for new controller and services classes	2	2	Done	
	Front-end	Profile component	Modify the change picture button. Figure out how to store image in the database. May have to create a post request	3	3	In progress	
Quynh Dong	Documentary	Update Use Case	Work on UC-10, UC-11, UC-12	1	1	Done	
	Back-end	Save audio-type answer	Using Google Drive as cloud storage. Currently have a working Node.js back-end, plan to convert to Java spring boot to have only one back-end	3	5.5	Not Done	
Bao Nguyen	Front-end	Display sectionbyUsername	Dashboard can display section list depend on User (Teacher)	3	3	Done	
	Front-end	Display username by section	Teacher can see list of students in his/her section	3	3	Done	
		Class clist search bar	Teacher can search the name of student and the list will be automatically change	2	3	Done	
	Documentary	Update Use Case	Work on UC-2 UC-3 UC-4	1	1	Done	
Vipul Lade	Front-end	Grammar pop-up	Integrate grammar popup in the book feature.	5	3	In progress.	

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All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1.5	1.5	Done			
Chase Lennartso	Documentation	Add Forum to glossary and Use Cases for forum	Added definition for Forum. Added use cases for creating and interacting within a forum	1	1.5	Done			
	Back-end	Unit Test Cases	Updated test functions and completed those that weren't finished yet	2	2	Done			
	Front-end	Create Forum component	Create new vue component for the forum tab. Create basic vue for creating a forum and viewing created topics	2	3	In Progress			
Quynh Dong	Back-end	Implement Google Drive Storage	Use Google Drive api to save audio file	2	3	Done	About to switch to client's account		
	Front-end	User can create audio answer	User can record audio answer, submit it, then listen to other submissions' audios	3	4	Done			
	Fix bugs	Fix small bugs according to meeting with client	Able to copy section code; Able to dismiss popover when click away	0.5	0.5	Done			
Bao Nguyen	Full stack	Teacher create section (Fixed)	Redo some in back-end for User and section, fixed section's api on front-end (Previous version only 1 user can create section)	2	1.5	Done			
	Front-end, Auth0, Database	Email verified	Add new content of email verified in Profile page. When user register, email will be sent to ask for verification. Also transfer "email_verified" property from Auth0 to MongoDB	2	3	Done			
	Full stack	User can update their info	Able to update user info in profile page, adding require for last and first name	2	3	Done			
	Front-end	Teacher can drag and drop lesson	Teacher able to drag a lesson and drop at the top or anywhere they want	3	2.5	In Progress	Had some problem that index doesnt work well.		
Vipul Lade	Front end	Grammar tab	grammar feature if a user hovers over the superscript it pops up the grammar of that particular super-script. updates the list on the backend too.	3	2.5	Done			

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All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1.5	1.5	Done			
Chase Lennartso	Back-End	Add Test Cases for each of the entities as well as Services	Create new test cases for each of the entity classes and test with coverage to see if all methods have been covered. Also updated service classes	3	4	Done	All entity functions are 100% covered. However, when testing coverage from folder, some methods aren't covered. Have to run certain individual classes to cover methods and see full coverage.		
	Documentation	Updated use case template for unupdated usecases	Updated the template for certain usecases. Also added more information under the Associated Information row.	1	1.5	Done			
Quynh Dong	Front-end	Teacher can use predefined assignment	Update front-end so that admin can create a predefined assignment for each lesson and teacher can use it as their assignment if they like	2	4	Done			
	Back-end	Teacher can use predefined assignment	Create endpoints for the predefined assignment/ modify redundant properties	2	2	Done			
Bao Nguyen	Github	Main branch problem	Fix 'main' branch on github and solve the conflict between the files	2	4	Done			
	Front-end	Auth for Publisher role	For some reason Publisher still able to see teacher's Dashboard. So set authorization for Publisher role	1	2	Done			
	Front-end	Teacher can drag and drop lesson	Teacher able to drag a lesson and drop at the top or anywhere they want	1	0.5	In Progress	Had some problem that index doesnt work well.		
Vipul Lade	Deployment	Deploy front end and backend plus configure api	Learnt microsoft azure and understood how deployment works for springboot projects and for vue js projects. Deployed front end and backend individually. connected their api. Configured azure. Have a ci/cd workflow for both vue js git repo and spring boot git repo.	5	6	done	There is some issue with main at moment, but api seems connected and work fine as per the logs. Will have to meet up with the team to resolve more.		

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All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1.5	1.5	Done			
Chase Lennartso	Back-end	Update Service test methods	Added GradedQuestionService test and continued to update other Service test classes. Achieved at least 80% in all service classes but GradedQuestion still in progress	4	5	Done			
Quynh Dong	Deployment	Resolve environment variables problem	The script didnt specify the deployed one where to get env var which caused the problem. Save env var at repo's secret solve the problem	1	1	Done			
			Publisher can create exam questions, add points to each, and set time length for an exam	3	4	Done			
	Front-end	Making exam tab working for 3 roles	Teacher can set the start time for an exam. Teacher can grade exam through students' submission	3	3	Done			
			Student can do exam	2	4	In progress	Need to set time counter for exam, other authority setting		
	Back-end	Create apis for creating exams, doing exams and grade exams	New entity Exam (contains: exam content, start time, students' submission, students' grade) and Exam Answer(contains: student's answer, grade received for each answer)	4	5	Done			
Bao Nguyen	Front-end	Teacher can drag and drop lesson	Teacher able to drag a lesson and drop at the top or anywhere they want	2	3	Done			
	Back-end	Teacher can drag and drop lesson	Able to update the index after drop and save new location	2	2	Done			
	Front-end	Forum feature	Create forum component where user can create a list of forum topic	2	2	Done			
	Back-end	Forum topic CRUD	CRUD for forum topic	2	2	Done			
	Front-end	Topic Detail component	Create the frame that people can interact together. Post answer for topic and able to reply to other people answer	3	4	Done			
	Back-end	Topic Detail component	Create backend that can handle user, forum topic, topic answer, topic answer reply	4	3	In progress			
	Database	ForumTopic, Topic answer, Topic reply	Design a database for ForumTopic, Topic answer, Topic reply	1	0.5	Done			
Vipul Lade	Deployment	Resolve deployment	Even after both frontend and backend are deployed and working, after the step when auth0 gives a callback and return, the our website didnt get that url and couldnt connect to the server. I tried working, reconfiguring and readjusting env variables plus youtube videos and documentations. Then I had the same error locally which is not a problem bao and Quynh and tried to figure out why that is the case even at the time of deployment.	1	3	done	Still doenst work as expected but most possibly some variable is not receiving auth0 call back url and hence we are not able to connect to the backed.		

	Front end	Audio feature infront of lines in book	Tried to work on putting audio feature infront of each line, but the app doesnt work locally on my machine, couldnt test it.	1	2 not done	Cant test or start the web app on the machine. I spent most of my time trying to figure out by cloning the mains in the library and on friend's computer but nothing seemed to work. Downloaded new browsers and empties caches to check but it starts and once we receive the auth0 call back, front end cant connect to backend.		
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Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Meeting with client	Client tests new features and give us feedback to improve the project	1	1.5	Done	
Chase Lennartsc	Back-end	JUnit Testing	Begin working on JUnit Testing for Forum entities and services	3	3	Done	
Quynh Dong	Front-end	Testing + improve UI	Testing features on Exam & Assignment tab to make it work as expected.	1	3	Not Done	Proceed to find a new way to store audio file
Bao Nguyen	Fullstack	Testing Forum feature (Topic Detail c	Implemented Forum feature	3	4	Done	
Vipul Lade	front end	audio feature	have a audio feature infront of every line	2	1	Not Done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1	1	Done	
Chase Lennartsc	Documentation	Begin creating the User Manual	Created the initial user manual document for the project. Wrote documentation for User Access and Reading Material Access	3	3	Done	
	Back-end	Update entities	Updated entities after back-end reconstruction. Achieved 100% coverage for all entities	3	3	Done	
Quynh Dong	Front-end	Improve UI for Assignment/Exam tab	Add loading status for components as well as noti popup every time an action affects database	2	2	Done	
		Refactor components	Refactor components sharing the same parts. Improve updated component if state changed	2	3	Done	
	Back-end	Reconstruct Back-end	Add more rights to teacher so that they can create assignments/exams	3	5	Done	
		Audio storage	Move audio file to mongo db as it can store file up to 16mb (~ 15 min audio)	1	3	Done	
Bao Nguyen	Back-end	Refactor components	Refactor the Forum, Topic, TopicAnswer, Reply to make the loading time more faster	3	5	Not Done	
	Front-end	Improve UI for profile page and Forum	Adding notification that waiting when New topic or new answer are loading	3	4	Done	
		Create make logo for CPL and refactor	Made a ew logo for project instead of using TCU logo	1	0.5	Done	
Vipul Lade	documentation	developer manual	tried to make the user manual like last year's project.	3	1	Not done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1	1	Done	
Chase Lennartsc	Documentation	User Manual	Worked on editing some parts of the user manual. Added sections including reading and editing the Book subsection as certain roles.	2	3	Done	
	Back-end	Testing	Added TopicAnswerService Test Class and achieved 100% coverage. Also changed Vocab service to fix errors.	1.5	1.5	Done	
Quynh Dong	Front-end	Fix pinyin display	Remove superscript in pinyin tab	0.5	0.5	Done	
		Improve Grammar feature	Move grammar editor into book editor. Improve UI. Optimize original code.	1.5	1.5	Done	
		Book display	Improve UI for clickable elements	1	1	Done	
		Assignment/Exam tab for admin	Refactor components used for admin	1.5	1.5	Done	
	Back-end	Grammar	Add new entity and refactor code so that it's more optimized to update and get info about grammar	2	2	Done	
Bao Nguyen	Full-stack	Fix forum	Fixing forum display and refactor the Forum, Topic, TopicAnswer, Reply to make the loading time more faster	3	4	Done	
		Fix Profile page	UI profile page fixing	2	2	Done	
Vipul Lade	research	developer manual	find out different ways a developer manual can be created.	2	1	done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1	1	Done	
Chase Lennartsc	Documentation	Create and design SRS poster	Create SRS poster by adding contents and screenshots to powerpoint and then add those contents to the poster.	6	6	Done	
Quynh Dong	Documentation	SRS posters	Making diagram for website workflow and system architecture	1	1	Done	
	Deployment	Backend Deployment without using github action	Directly deploy with Azure using Azure tool in IntelliJ	1	1	Done	
Bao Nguyen	Front-end	Remake UI/UX	Remake and design front-end more friendly and meet client's requirement	3	6	Keep working on it	
Vipul Lade	documentation	developer manual	started working on developer manual	1	1	in progress	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All members	Meeting	Team meeting	Discussion about current progress made and what we want to complete	1	1	Done	
Chase Lennartsc	Documentation	SRS Poster	Re-design parts of the SRS poster to make it look better. Also removed some parts and added new info	2	2.5	Done	
	Documentation	Complete User Manual	Added more entries to complete the User Manual.	3	3	Done	
	Documentation	Use Cases	Added more Use Cases for the Exam and Profile	2	1.5	Done	
Quynh Dong	Front-end	Fix bugs	Fix vue bindings problem for comment feature; show grade as client wanted	1	1.5	Done	
	Documentation	Riogrande website	Making website for riogrande deployment	2	1.5	In progress	
	Presentation	Making gg slides	Making gg slides for final presentation	1	2	In progress	
Bao Nguyen	Front-end	Fix-bugs	UI fixing, deploy	6	6	Done	
Vipul Lade	documentation	developer manual	created developer manual for all api end points.	3	3	done	

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Bao Nguyen	Front-end	Fix-bugs	Fix bugs based on client's requirements	5	5	Done	
	Deploy	Deploy front-end	Deploy front -end	0.5	0.5	Done	