



## Syllabus Details

Syllabus ID:	12037
Syllabus Name:	<b>Web Development Project_Dự án phát triển Web</b>
Course Name	<b>Web Development Project</b>
English:	
Subject Code:	<b>WDP301</b>
NoCredit:	3
Degree Level:	Bachelor
Time Allocation:	Study hour (150h) = 45h contact hours + 105h self-study
Pre-Requisite:	FER201m, SDN301m
Description:	<p>This course focuses on designing, developing, and integrating the basic Web-based system/application using React, React Native, Node.js, Express technologies (with the system requirements, technical framework &amp; NoSQL (MongoDB) as assigned/agreed by the teacher)</p> <p>Students are required to build the system with other 3-5 team members as appointed by the teacher.</p> <p>After the course, students will be able to achieve Fullstack web development proficiency with the following skills by practising with other members of the assigned team.</p> <ul style="list-style-type: none"> <li>- Proficiency in common web techniques and React, Node.js, Express, React Native development skills</li> <li>- Proficiency in front end skills (React, Bootstrap) require for industry</li> <li>- Analyze &amp; design the solution following the object oriented models</li> <li>- Coordinate with the team to complete the works in the form of a project</li> </ul> <p>'- Build the team &amp; select/define the project topic with arrangement/guide from the teacher</p> <p>- Select the team leader and using the FPT account (@fpt.edu.vn account) to setup/configure the project management environment (sources, tasks, issues, milestones) on the GitLab &amp; project documents management on the OneDrive.</p> <p>StudentTasks:</p> <ul style="list-style-type: none"> <li>- Get the detailed assignment from the teacher, plan the project tasks, and execute the project accordingly</li> <li>- Students must attend at least 80% of contact slots in order to be accepted to the final presentation.</li> <li>- Student is responsible to do all exercises given by the teacher in class or at home and submit on time</li> <li>- Constantly follow the teacher's guides/references for up-to-date course information regarding assignment submission and feedback on assignments and project work.</li> <li>- Using the GitLab to collaborate in every phase of the project by all the team members</li> </ul> <p>Tools:</p> <ul style="list-style-type: none"> <li>- One Drive or Google Drive for document management</li> <li>- GitLab (<a href="https://gitlab.com/">https://gitlab.com/</a>) for issue and code version management</li> <li>- Visual Studio Code (<a href="https://code.visualstudio.com/">https://code.visualstudio.com/</a>)</li> <li>- Internet</li> </ul>
Scoring Scale:	10
DecisionNo	
MM/dd/yyyy:	1286/QĐ-DHFPT dated 11/22/2024
IsApproved:	<b>True</b>
Note:	
MinAvgMarkToPass:	5
IsActive:	<b>True</b>
ApprovedDate:	11/22/2024

### 5 material(s)

MaterialDescription	Author	Publisher	PublishedDate	Edition	ISBN	IsMainMaterial	IsHardCopy	IsOnline	Note
Guides & Templates (for Students & Teachers)						<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bản mềm do FU biên soạn
React Native for Mobile Development	Akshat Paul, Abhishek Nalwaya	Apress		2nd Edition	978-1-4842-4454-8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pro MERN Stack - Full Stack Web App Development with Mongo, Express, React, and Node	Vasan Subramanian	Apress	2019	2nd Edition	978-1484243909	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Mastering React Native	Bin Uzayr, Sufyan	CRC Press	2023	1st edition	9781032315898	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<a href="https://www.coursera.org/learn/react-native-course">https://www.coursera.org/learn/react-native-course</a>	Cousera					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

### 5 LO(s)

CLO Name	CLO Details
CLO1	Can study & analyze to understand the project requirements, actively make questions if necessary
CLO2	Understand and applying MVC design pattern, knowledges of OOP in designing code modules as well as designing database based on designed UI
CLO3	Proficiency in Web programming skills, based on the Java/DotNet programming language
CLO4	Exhibit professional working attitudes
CLO5	Practice oral presentation and inter-personal communications.

[View mapping of CLOs to PLOs](#)

		Download All Teacher Material	Download All Student Material								
Session	Topic	Learning-Teaching Type	LO	ITU	Student Materials	S-Download	Lecturer Materials	T-Download	Student's Tasks	Lecturer Tasks	URLs
1	INITIATION PHASE - Subject introduction	Offline	LO1, LO2, LO3	I	This Syllabus, Student Materials	<a href="#">WDP301</a>	This Syllabus, Teacher Materials	<a href="#">WDP301</a>	Study materials, Q&A	Introduce	
2	- Subject introduction	Offline	LO1, LO2, LO3	I	This Syllabus, Student Materials	<a href="#">WDP301</a>	This Syllabus, Teacher Materials	<a href="#">WDP301</a>	Study materials, Q&A	Introduce	
3	- Project environment preparation	Offline	LO1, LO2, LO4	TU	This Syllabus, Student Materials		This Syllabus, Teacher Materials		Setup/Configure working environemnt	Support/guide	
4	- Project environment preparation	Offline	LO1, LO2, LO4	T	This Syllabus		This Syllabus		Setup/Configure working	Support/guide	

	Project Environment Preparation	Online	LO1,2,4*	I, U	This syllabus, Student Materials	This syllabus, Teacher Materials	Setup/configure working environment	Support/guide	
5	- Requirement Introduction & Iteration 1 Planning	Offline	LO1,2,4	I, U	Project Tracking	Teacher-prepared requirements	Study requirement, Q&A, plan	Introduce/guide	
6	- Requirement Introduction & Iteration 1 Planning	Offline	LO1,2,4	I, U	Project Tracking	Teacher-prepared requirements	Study requirement, Q&A, plan	Introduce/guide	
7	CONSTRUCTION PHASE_Development Iteration 1 (Iter1) - Requirement clarification & software design	Offline	LO1,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
8	- Requirement clarification & software design	Offline	LO1,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
9	- Requirement clarification & software design	Offline	LO1,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
10	- Requirement clarification & software design	Offline	LO1,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
11	- Practice: design, code, self-test, integrate	Offline	LO2-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
12	- Practice: design, code, self-test, integrate	Offline	LO2-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
13	- Practice: design, code, self-test, integrate	Offline	LO2-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
14	- Practice: design, code, self-test, integrate	Offline	LO2-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
15	- Practice: design, code, self-test, integrate	Offline	LO2-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
16	- Practice: design, code, self-test, integrate	Offline	LO2-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
17	- Iteration1 Review & Iteration2 Planning	Offline	LO3,4,5	T, U	Project Tracking, Issue Report	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Track project information Complete the iteration's software package	Support/guide students	
18	- Iteration1 Review & Iteration2 Planning	Offline	LO3,4,5	T, U	Project Tracking, Issue Report	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Track project information Complete the iteration's software package	Support/guide students	

19	CONSTRUCTION PHASE_Development Iteration 2 (Iter2) - Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
20	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
21	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
22	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
23	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
24	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
25	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
26	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
27	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
28	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
29	- Iteration2 Review & Iteration3 Planning	Offline	L03,4,5	T, U	Project Tracking, Issue Report		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Track project information Complete the iteration's software package	Support/guide students	
30	- Iteration2 Review & Iteration3 Planning	Offline	L03,4,5	T, U	Project Tracking, Issue Report		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Track project information Complete the iteration's software package	Support/guide students	
31	CONSTRUCTION PHASE_Development Iteration 3 (Iter3) - Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	

							Template_Evaluation-LOC	Prepare SRS Document Design Code Modules	
32	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
33	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
34	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
35	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
36	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
37	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
38	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
39	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
40	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students	
41	- Iteration3 Review & Final Iteration Planning	Offline	L03,4,5	T, U	Project Tracking, Issue Report	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Track project information Complete the iteration's software package	Support/guide students	
42	- Iteration3 Review & Final Iteration Planning	Offline	L03,4,5	T, U	Project Tracking, Issue Report	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Track project information Complete the iteration's software package	Support/guide students	
43	CLOSING PHASE_Final Iteration (Iter4) - Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials	Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC	Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students	
44	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document	Student's submitted materials Template_Student List Constructivism_Questions	Present/demo iteration's work results  Clarify/Confirm	Evaluate students' submit package  Support/guide students	

						Reference Materials		Template_Evaluation-Team Template_Evaluation-LOC		Requirements Prepare SRS Document Design Code Modules		
45	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students		
46	- Requirement clarification & software design	Offline	L01,2,4,5	T, U	Template_SRS Document Template_SDS Document Reference Materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SRS Document Design Code Modules	Evaluate students' submit package  Support/guide students		
47	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students		
48	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students		
49	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students		
50	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students		
51	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students		
52	- Practice: design, code, self-test, integrate	Offline	L02-5	U	Reference Materials, Coding Standards		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results  Clarify/Confirm Requirements Prepare SDS Document Code, Self-Test, Integrate	Evaluate students' submit package  Support/guide students		
53	- Final Project Preparation	Offline	L03,4,5	T, U	Final Release Document, Project Tracking, Issue Report		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results	Evaluate students' results		
54	- Final Project Preparation	Offline	L03,4,5	TU	Student's submitted materials		Student's submitted materials Template_Student List Constructivism_Questions Template_Evaluation-Team Template_Evaluation-LOC		Present/demo iteration's work results	Evaluate students' submit package		
55	Review	Offline	L01-5	TU								
56	Review	Offline	L01-5	TU								
57	Review	Offline	L01-5	TU								
58	Review	Offline	L01-5	TU								
59	Review	Offline	L01-5	TU								
60	Review	Offline	L01-5	TU								

### 33 Constructive question(s)

	Session No	Name	Details
1	1	CQ1.1	Who will interact with your system? List actors with detailed functions of each actor.
2	2	CQ1.2	What are differences between your intended output product and other similar products in the market?
3	3	CQ1.3	How to assign & tracking tasks among your team?

4	4	CQ2.1	How do you collect, clarify, and define the requirements for the function/screens that you are in charge?
5	5	CQ2.2	What screens/functions would you have in the project output product? What are the purpose of each function/screen and the relationships with others?
6	6	CQ2.3	Your plan for the iteration 1? - What are the functions/screens that you would choose? Why? - Is there any unclear things that need to clarify or concerning you?
7	7	CQ3.1	What are the tasks or outputs that you have completed last week? What are still in progress or pending? Are there any issues or difficulties so far?
8	8	CQ3.2	What are the tables you should have to store your application data in the database?
9	9	CQ3.3	What are the Git commands that you would use to manage source codes in your project? How do you use each of those?
10	10	CQ4.1	What UI themes/templates do you suggest to use in UI/Front-End design for your project screens? What are the common/share components that your team would write once and include multiple times into your application screens?
11	11	CQ4.2	Which database tables would you access from each of your assigned screens/functions? What are the transaction (query, insert, update, delete) from each screen to the related database table?
12	12	CQ4.3	How would you organize your source codes into packages/folders? - What are the packages/folders you would have? - What is the role/description of each package/folder? - What are the file naming convention in each package/folder?
13	16	CQ6.1	Which data/components would you have/handle on each of you're assigned screens/functions? What are the transactions/events that each of your assigned screens/functions handle?
14	17	CQ6.2	What are the business logics/rules that you would have to implement or include in each of your assigned screens/functions
15	18	CQ6.3	Your plan for the iteration 2? - What are the functions/screens that you would choose? Why? - Is there any unclear things that need to clarify or concerning you?
16	19	CQ7.1	Which functions/screens have you completed and ready for demonstrating in the last iteration? What are pending issues with each of those?
17	20	CQ7.2	To implement your assigned screens/functions what are the code modules (classes/files, methods) you would need? - What are the code modules you would have? - What are the purposes of each module?
18	21	CQ7.3	Which screens/functions do you have to integrate to from each of you assigned functions/screens? What do you check on each of those functions/screens interface? What are common issues you have discovered after testing/integrating?
19	25	CQ9.1	What are the tasks or outputs that you have completed last week? What are still in progress or pending? Are there any issues or difficulties so far?
20	26	CQ9.2	What are the business logics/rules that you would have to implement or include in each of your assigned screens/functions
21	27	CQ9.3	Your plan for the iteration 3? - What are the functions/screens that you would choose? Why? - Is there any unclear things that need to clarify or concerning you?
22	31	CQ11.1	Which functions/screens have you completed and ready for demonstrating in the last iteration? What are pending issues with each of those?
23	32	CQ11.2	To implement your assigned screens/functions what are the code modules (classes/files, methods) you would need? - What are the code modules you would have? - What are the purposes of each module?
24	33	CQ11.3	Which screens/functions do you have to integrate to from each of you assigned functions/screens? What do you check on each of those functions/screens interface? What are common issues you have discovered after testing/integrating?
25	37	CQ13.1	What are the tasks or outputs that you have completed last week? What are still in progress or pending? Are there any issues or difficulties so far?
26	38	CQ13.2	What are the business logics/rules that you would have to implement or include in each of your assigned screens/functions
27	39	CQ13.3	Your plan for the iteration 3? - What are the functions/screens that you would choose? Why? - Is there any unclear things that need to clarify or concerning you?
28	43	CQ15.1	Which functions/screens have you completed and ready for demonstrating in the last iteration? What are pending issues with each of those?
29	44	CQ15.2	To implement your assigned screens/functions what are the code modules (classes/files, methods) you would need? - What are the code modules you would have? - What are the purposes of each module?
30	45	CQ15.3	Which screens/functions do you have to integrate to from each of you assigned functions/screens? What do you check on each of those functions/screens interface? What are common issues you have discovered after testing/integrating?
31	52	CQ18.1	What are the updates or optimizations you would have in the final iteration?
32	53	CQ18.2	How do you evaluate your work results in this Iteration? What things you need to improve in your team (communication skills, documentation, project coding, etc.)?
33	54	CQ18.3	What things that your team have learnt from the project?

#### 4 assessment(s)

Category	Type	Part	Weight	Completion Criteria	Duration	CLO	Question Type	No Question	Knowledge and Skill	Grading Guide	Note
On-going Assessment 1	on-going	1	20.0%	>0	Option 1: 45/team; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	L01, L02, L03, L04, L05	Option 1: N/A; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	Option 1: Project Presentation; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	Requirement Analysing Designing Coding Testing Integrating	Main evaluating items: - Submitted materials: SRS, SDS, Codes, Tasks/Issues Log - LOC Evaluation: evaluate based on the complexity & quality of the screens/functions	To get the maximum LOC Evaluation, each student need to have 180 LOC as the rated LOC
On-going Assessment 2	on-going	1	20.0%	>0	Option 1: 45/team; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	L01, L02, L03, L04, L05	Option 1: N/A; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	Option 1: Project Presentation; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	Requirement Analysing Designing Coding Testing Integrating	Main evaluating items: - Submitted materials: SRS, SDS, Codes, Tasks/Issues Log - LOC Evaluation: evaluate based on the complexity & quality of the screens/functions	To get the maximum LOC Evaluation, each student need to have 180 LOC as the rated LOC
On-going Assessment 3	on-going	1	20.0%	>0	Option 1: 45/team; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	L01, L02, L03, L04, L05	Option 1: N/A; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	Option 1: Project Presentation; Option 2 (For Constructivism Approach only): Follow lecturer's proposal	Requirement Analysing Designing Coding Testing Integrating	Main evaluating items: - Submitted materials: SRS, SDS, Codes, Tasks/Issues Log - LOC Evaluation: evaluate based on the complexity & quality of the screens/functions	To get the maximum LOC Evaluation, each student need to have 180 LOC as the rated LOC
Final Project Presentation:	Final exam	1	40.0%	5	45/each	L01, L02, L03, L04, L05		Project Presentation	Requirement Analysing Designing Coding Testing Integrating	The exam is organized by exam board. Must have at least 2 teachers for grading Final Project Presentation. Each team have 45 minutes for presentation. Main evaluating items (for the whole project) - Submitted materials: Release Document, SRS, SDS, Codes, Tasks/Issues Log - LOC Evaluation: based on the complexity, quality, and the reality of	1. To be selected to the Final Presentation, each student needs: * Average on-going grade assessment >=5/10 * No cheating during the project progress 2. To get the maximum LOC Evaluation, each student need to have 720 LOC as the rated LOC

