

2110336: Team Project Second Semester, Academic Year 2021

The objective of the team project is to familiarize students with the major phases of the software development life cycle. The students will learn how to work as part of a software development team. The teams will consist of 7 to 8 members. The entire team is responsible for producing the “deliverables”, which consist of the following items:

Deliverables/Artifacts	Points	Due date
SRS review report*	3	26-Jan-2022
Product backlog	3	26-Jan-2022
Sprint1 backlog	1	26-Jan-2022
Burndown chart for Sprint1	1	16-Feb-2022
Sprint2 backlog	1	16-Feb-2022
Sprint1 deliverables (software)*	3	17-Feb-2022
Burndown chart for Sprint2	1	2-Mar-2022
Sprint3 backlog	1	2-Mar-2022
Sprint 2 deliverables (software)*	3	3-Mar-2022
Burndown chart for Sprint3	1	30-Mar-2022
Sprint 3 deliverables (software)*	3	31-Mar-2022
Design (Design Document 5% and API is done via Swagger 1%)*	6	11-Apr-2022
Testing Plans and User Manual	8	25-Apr-2022
Demonstration*	10	26-Apr-2022 28-Apr-2022
Git contribution: Issues and contribution	3	All Sprints
Deliver the system on a VM cloud is publicly accessible (during the demonstration)	1	25-Apr-2022
Deliver the system as a docker image	1	25-Apr-2022

ส่งงานก่อนเวลา 16:00 น. ของวันที่กำหนดส่ง

* หักคะแนนนิสิตที่ไม่เข้าร่วมนำเสนอ/ฟังการนำเสนอ คนละ 0.5 คะแนน

A detailed description of the deliverables and due dates will be given. All the documents must be typed and submitted at Course Dropbox of class's MyCourseville in PDF file format. Each team must include percentage's contribution of team members to each deliverable.

At least some features of the software must be designed and implemented using Object-Oriented concept. Each team must show how the implementation is mapped to the design.

The Design Document
Document Due Date: April 11, 2022
Presentation Date: April 12, 2022

1. Cover Page
 - title of the project
 - a list of the authors names (indicate the leader)
 - contribution of each team member to the document
 - the date
2. Architecture
 - Component diagram
 - Deployment diagram
 - Class diagram (Attributes, Operations, Visibility)
3. Pseudocode for major methods (operations)
4. Access Control Table

2110336: Final Deliverables
The Test Plan and User Manual
Due Date: Apr 25, 2022

1. Cover Page
 - title of the project
 - a list of the authors names (indicate the leader)
 - contribution of each team member to the document
 - the date
2. Test Plan
 - Input Equivalence Classes for system test
 - Test cases for system test
3. Test Results
4. A hard copy of user manual of your system
5. Report any limitations of your implementation, functions that you are not able to code or which have extensive errors, and any deviations from your design document.
6. Include a soft copy of all documents.

2110336: SCRUM Deliverables
Product Backlog
Due Date: January 26, 2022

Product backlog					
EPIC ID	EPIC Name	User Story ID	User Story	Estimate (User Story Points)	Estimate (Man-Hour)
EPIC1	EpicName1	US1-1	As a <role>		
			I can <activity>		
			so that <business value>		
		US1-2			
EPIC2	EpicName2	US2-1			

2110336: SCRUM Deliverables

Sprint backlog and Burndown chart

Sprint ID	EPIC ID	EPIC Name	User Story ID	User Story	Task	Volunteer Status	Original Estimate	Day 1	Day 2	Day 4	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Sprint Review			
Sprint1	EPIC1	EPIC Name1	US1-1				4	4	4	4	4	3	3	0	0	0	0	0	0	0	0	0	0			
							4	4	4	4	4	3	2	1	0	0	0	0	0	0	0	0	0	0		
							6	6	6	6	6	6	6	6	6	4	1	0	0	0	0	0	0	0	0	
							4	4	4	4	4	3	3	3	2	0	0	0	0	0	0	0	0	0	0	
							3	3	3	3	3	3	3	3	3	3	2	0	0	0	0	0	0	0	0	0
Sprint1	EPIC2	EPIC Name2	US2-1				3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	0	0			
							6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3	0

Todo

เลือก select หมายเหตุ

Develop

พัฒนา develop (design and code)

Test

ทดสอบ test

Done

เสร็จ done

Total

รวม total

30

30

30

30

30

30

30

28

29

30

30

30

30

28

29

30

21

16

12

14

7

6

3

0

Sprint Burndown

Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day	Day
1	2	3	4	5	6	7	8	9	10	11	12	13	14										
30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7