

**Assignment 1 Cover Sheet**

**IT1060 – Software Process Modeling**  
**February**

**2021**

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<b>PROJECT ID</b>	MLB_05.02_01
<b>CASE STUDY NAME</b>	Textile and garment management system.
<b>CAMPUS/CENTER</b>	Malabe

**Group Details:**

	<b>Student Registration Number</b>	<b>Student Name</b>
<b>1</b>	IT20652296	R.M.K.I Bandara
<b>2</b>	IT20626938	A.L.Chanuka
<b>3</b>	IT20620752	Ryan Melan
<b>4</b>	IT20667146	R.Kinash Raja
<b>5</b>	IT20660116	N.Sulaxshayan

**Assignment 1 Certify Sheet**
**IT1060 – Software Process Modeling**  
**February**
**2021**

We hereby certify,



The attached is our own work and no further changes will be made.



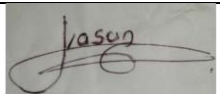
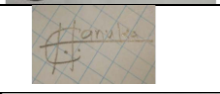
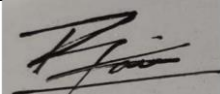
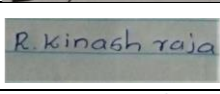

We have contributed in this assignment to the best of our ability.

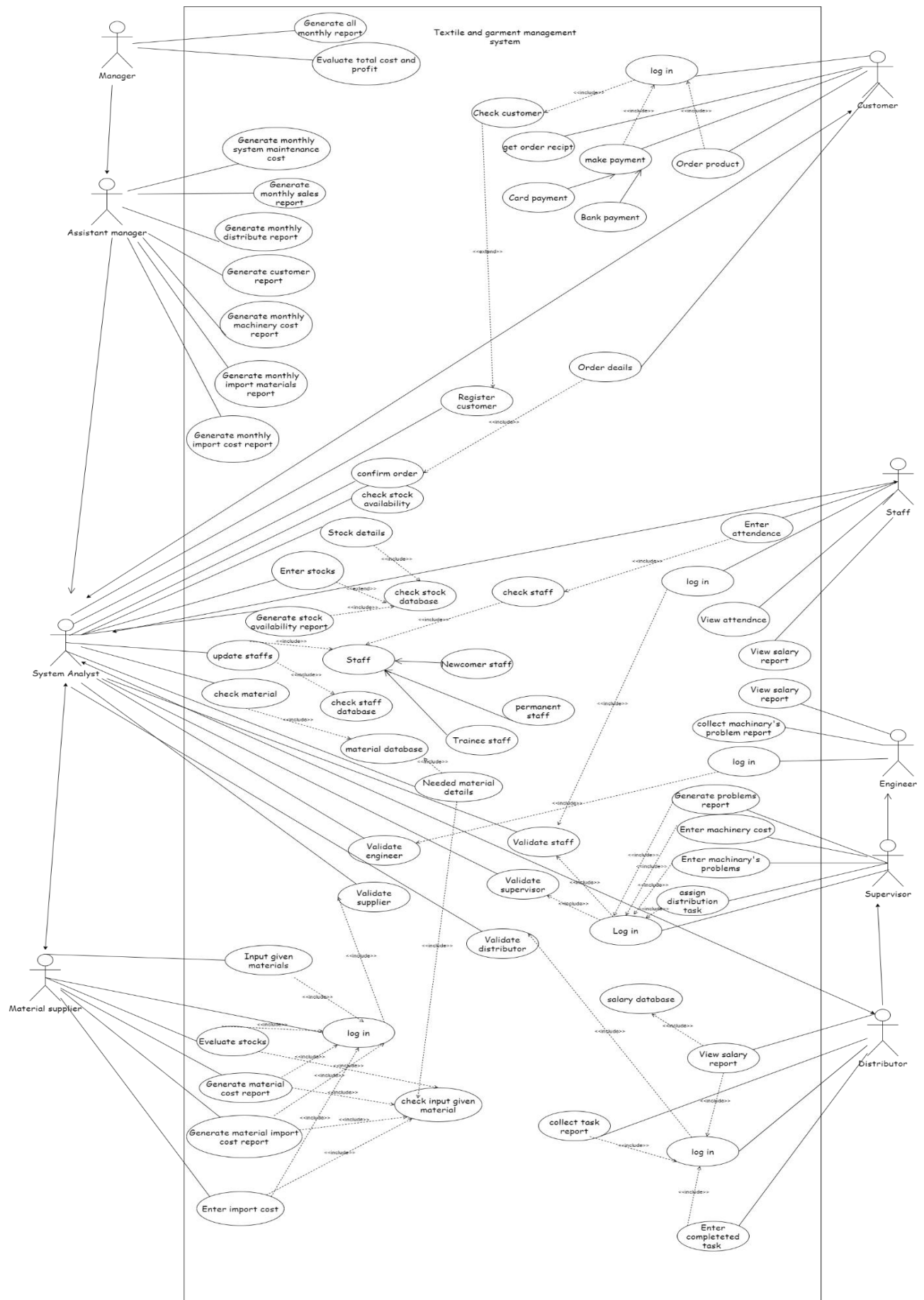
And we understand,



We may be subject to student discipline processes in the event of an act of academic misconduct by us including an act of plagiarism or cheating.

**Group Details:**

	<b>Student Name</b>	<b>Student Registration Number</b>	<b>Date</b>	<b>Signature</b>
<b>1</b>	R.M.K.I Bandara	IT20652296	2021/04/10	
<b>2</b>	A.L.Chanuka	IT20626938	2021/04/10	
<b>3</b>	Ryan Melan	IT20620752	2021/04/10	
<b>4</b>	R.Kinash Raja	IT20667146	2021/04/10	
<b>5</b>	N.Sulaxshayan	IT20660116	2021/04/10	



# Use case scenario

**Student ID – IT 20652296**

Number	TGMS1	
Name	Update staffs	
Summary	System analyst update staff's details	
Priority	5	
Precondition	Check the staff in the staff's database	
Post condition	Successfully update staff's detail	
Primary actor	System analyst	
Trigger	System analyst enters to the system for update staff's details	
Main scenario	Step	Action
	01	System analyst checks staff in the staff's database
	02	System shows staff's details
	03	System analyst checks whether the staff is new one or existing staff
	04	System generates warning message to the analyst about make any changes
	05	If system analyst clicks "yes"
	06	System let analyst to make change
	07	System analyst enters the new staff details
	08	System generates message about changes successfully made
Extension	Step	Action
	01	If system shows error message when enter data
	02	Then Analyst should check the staff's data in the staff database whether the staff is new one or existing staff
	03	Successfully updates staff details in the staff's database

## Student ID – IT 20660116

Number	TGMS2	
Name	Enter completed task	
Summary	Distributor enter completed task to the system	
Priority	5	
Precondition	Log in to the system	
Post condition	Successfully enter completed task	
Primary actor	Distributor	
Trigger	Log in to the system for enter completed task distributor	
Main scenario	Step	Action
	01	Distributor log in the system
	02	System shows log in details
	03	Distributor gives valid log in detail to the system
	04	System shows distributor's menu profile
	05	Distributor clicks to add completed task
	06	System shows record of completed tasks and shows "add" button
	07	Distributor clicks "add" button and enter completed tasks
	08	System shows message about task completely made successfully
Extension	Step	Action
	01	If distributor enter invalid log in detail
	02	System shows error message and it ask to the distributor to re-enter details again
	03	If distributor forget his/her valid log in detail, he/she successfully reset it by click forget details button
	04	System sends a form to get details about distributor to reset log in details
	05	Distributor gives his/her valid details
	06	After verification system shows a message about reset log in details have been made successfully

## Student ID – IT 20667146

Number	TGMS4	
Name	Order product	
Summary	Customers intend to order product	
Priority	5	
Precondition	Checks the customer whether exist person or new. if he/she is new, he/she should register to the system	
Post condition	Successfully order product	
Primary actor	Customer	
Trigger	Customers order a product	
Main scenario	Step	Action
	01	Customers log in the system
	02	System shows log in detail
	03	Customers enter valid log in detail
	04	System shows product and description
	05	Customers intends to order product
	06	System shows the payment methods
	07	Customer made payment successfully
	08	System generates order details
Extension	Step	Action
	01	If customers new to the system, request to register
	02	System shows register form to the customer
	03	Customers enter valid documents
	04	New customers registered to system successfully After system verification

## Student ID – IT 20626938

Number	TGMS3	
Name	Input given material	
Summary	Material supplier input which materials have been given by him/her	
Priority	5	
Precondition	Log in to the system	
Post condition	Successfully made details of provide materials	
Primary actor	Material supplier	
Trigger	Log in to the system for enter the details of given material	
Main scenario	Step	Action
	01	Material supplier Log in to the system
	02	System shows log in detail
	03	Material supplier gives valid log in detail
	04	System shows the menu
	05	Material supplier clicks the input records file
	06	System shows detail of exist records and “add record” button
	07	Material supplier clicks “add record” and add new import material details
Extension	Step	Action
	01	If supplier gives invalid log in details system shows error message and ask to re input log in details
	02	Supplier gives details again
	03	System shows the menu

## Student ID – IT 20620752

Number	TGMS5	
Name	Enter stocks	
Summary	Enter stocks details to the stock database	
Priority	5	
Precondition	Check stocks in the database	
Post condition	Successfully enter stock details to the database	
Primary actor	System Analyst	
Trigger	Enter stocks details to the stock's database	
Main scenario	Step	Action
	01	System analyst views system
	02	System analyst does check stock details
	03	System analyst Enter stocks details
	04	System generates message about tasks successfully made
Extension	Step	Action
	01	If system generates warning messages
	02	Check stock details in the stock's database whether the details of stock already exist or not.
	03	Make changes
	04	System generates message about "changes have been made successfully"



## INDIVIDUAL CONTRIBUTION

STUDENT ID	STUDENT NAME	STUDENT EMAIL	WORKED SECTIONS	CHALLENGES FACED	SPECIAL CONTRIBUTIONS
IT20652296	R.M.K.I Bandara	IT20652296@my.sliit.lk	1.Worked on Supervisor Use case 2.Worked on TGMS1 use case scenario	1.understand the extension of use case scenario of TDMS1	keep active all group members
IT20626938	A.L.Chanuka	IT20626938@my.sliit.lk	1.Worked on Material supplier's use case 2.Worked on TGMS3 use case scenario	1.Create use case scenario	Design the use case scenario templates
IT20620752	Ryan Melan	IT20620752@my.sliit.lk	1.Worked on assistant manager use case 2.Worked on TGMS5 use case scenario	1.draw use case	Find actors who are interact with the system
IT20667146	R.Kinash Raja	IT20667146@my.sliit.lk	1.Worked on customer use case 2.Worked on order product use case scenario TGMS4	1.find the association between the actors	Association concept of use case diagram
IT20660116	N.Sulaxshayan	IT20660116@my.sliit.lk	1.Worked on System analyst's use case 2.Worked on use case scenarios of TGMS2	1.felt little bit difficulty to draw use case diagram using draw.io software 2.It was difficult to order the use case	Create the base concept