

## **HACETTEPE UNIVERSITY**

Department of Computer Science

BBM384-Software Engineering

DEL2-Test Case Document (Updated for DEL5)

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KaBook	Version DEL2
System Test Case Definitions	Date: <04.04.2020>

## <KaBook> Test Case Definitions

Test Case ID: PT-01				Test Description: Control of transactions in shopping cart					
Test N	Name: Shopping Car	rt Approval		Test Designed by:Berkcan ERBOL					
	ase Tested : Shopping			Test Designed Date: 04.04.2020					
	Test Priority: High				Test Executed by: Berkcan ERBOL				
Module Name: Shopping				Test Execu	tion Date: 01.0	6.2020			
	onditions: Customer								
Deper	idencies: Search, ca	tegorization, f	ilters, login, b	ooks must be	e handled to te	st this case.			
Step	Test Steps	Test Data	Expected	Actual	Notes	Status			
			Results	Results		P	F		
1	Add a book to	A book	Book is	Book is	It can be	PASS	-		
	the shopping		added to	added to	any book				
	cart		the cart	the cart					
2	Go to the	Shopping	Shopping	Shopping	In this	PASS	-		
	shopping cart	cart tab	cart page	cart page	page, all				
	page		is opened	is opened	button and				
			with the	with the	related				
			informatio	informati	fields must				
			n of added	on of	be done.				
			book	added					
				book					
3	Go back to	Search	Another	Book is	the fact	PASS	-		
	search page and	Tab, a	book is	added to	that the				
	add another	book	added to	the cart	book added				
	book		the cart		is different				
					from the				
					previous				
					one gives				
					more				
					effective				
					results				
4	Go to the	Shopping	Added	Shopping	There can	PASS	-		
	shopping cart	cart tab	books	cart is	be no				
	again		must be	opened	wrong				
			shown to	with the	informatio				
			the user	informati	n				
				on of					
				added					
				book					

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5	Delete or the books		Shoppin cart	g	The book is removed from the list	The book is removed from the list		curacy otation	PASS		-
					Test Da	ta Table					
		1		2		3		4		5	
			Sho tab	opping cart	Search Tab, a book		Shopping cart tab		Shopping cart		
Post-o	conditions:	Adding a	nd deletio	n op	perations is po	erformed in s	shopp	ing cart.	Now it is	read	y for the

Post-conditions: Adding and deletion operations is performed in shopping cart. Now it is ready for the purchase phase.

Test Case ID: PT-02	Test Description: Phases that is required for purchase is tested.
Test Name: Purchase Approval	Test Designed by: Berkcan ERBOL
Use Case Tested : Payment Validation	Test Designed Date: 04.04.2020
Test Priority (Low/Medium/High): High	Test Executed by: Berkcan ERBOL
Module Name: Shopping	Test Execution Date: 01.06.2020

Pre-conditions: There must be at least one item in the shopping cart and user must have enough money to pay it in his/her e-wallet or credit card.

Dependencies: Shopping cart and coupon system must be handled before testing this case.

Step	Test Steps	Test Data	Expected	Actual	Notes	Status	
	_		Results	Results		P	F
1	Go to	Shopping	Shopping	Shoppin	It is	PASS	
	shopping	cart tab	cart is	g cart is	assumed		
	cart		shown to	shown to	that the		
			the user	the user	related		
			with books	with	book is		
			that user	books	added to		
			wants to	that user	shopping		
			buy	wants to	cart		
				buy	before.		
2	Checking	Set of	Correct	Correct	If there is	PASS	
	the total	books and	books are	books	an		
	price and	their prices	shown to	are	available		
	the total		the user	shown to	coupon,		
	amount of		with their	the user	user		
	books		prices	with	should be		
			one-by-one	their	able to see		
			and for the	prices	it for		
			last, the	one-by-o	discount.		
			total price	ne and			
			is shown	for the			
				last, the			
				total			

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5		My Orde Tab and Order  opping t tab	must be shown the tab	rder order order shown the talest Data Table 3	n in b.	5 My Ord Tab an		•••	
5	Orders tab	Tab and	The or must be shown the tab	rder The order show the tagst Data Table	is n in b.		PASS		
5		Tab and	The or must t showr the tal	rder The order shows the ta	is n in b.	ne.	PASS		
5		Tab and	The or must be shown	rder The order in shown	is n in	ne.	PASS		
5		Tab and	The or	rder The order	is	ne.	PASS		
5			r The or	rder The		ne.	PASS		
5	C. ( M	M- O 1			ът		DAGG		
			purcha compl Now, is crea	ase is eted. order ated in	on	ment the oice			
	the "Make Payment" button		inform and confir the payme and th	ms it is ready admin	nd relations in for n all the	nted ormatio bout			
•	invoice and press		compa	any is confin	mu the	st be correct	rass		
3	Select the payment method and press the "BUY" button	Payment Method: Credit Ca	Paymo methor selector user a user is director another page with religion paymo inform is shown.	d is method is select select by use and uper is where direct ated to anoth nation page who where the relate paym inform on is shown	ent Tho relabuted fiel che ser mu created er dent nati	ated tons, ds and eckbox st be ated.	PASS		

Post-conditions: The order is placed and ready to deliver and the order details can be reviewed in my orders tab.

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Test Case ID: PT-03	Test Description: Testing whether customer can
	use coupons for discount or not
Test Name: Discount Control	Test Designed by: Berkcan ERBOL
Use Case Tested : Payment Validation	Test Designed Date: 05.04.2020
Test Priority (Low/Medium/High): Medium	Test Executed by: Berkcan ERBOL
Module Name: Shopping	Test Execution Date: 01.06.2020

Pre-conditions: There must be at least one item in the shopping cart and user must have enough money to pay it in his/her e-wallet or credit card.

Dependencies: Shopping cart and related parts of system such as login, profile, payment methods, search, filter etc must be handled.

Step	Test Steps	Test Data	Expected	Actual	Notes	Status	
-	-		Results	Results		P	F
1	Go to shopping cart after added some books in it.	Shopping cart tab and books	Shopping cart is shown to the user with books that user wants to buy	Shopping cart is shown to the user with books that user wants to buy	It is assumed that the related book is added to shopping cart before.	PASS	-
2	Checking the total price and the total amount of books	Set of books and their prices	Correct books are shown to the user with their prices one-by-on	Correct books are shown to the user with their prices one-by-on	If there is an available coupon, user should be able to see	PASS	-

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				e and for	e and for	it f	or				
				the last,	the last,	dis	count.				
				the total	the total						
				price is	price is						
				shown	shown						
3	Check th	ne Selected		Total	Total	Th	ere	PASS		-	
	available	e Coupon	:	price must	price is	mu	st be a				
	coupons	%10		be	decreased	cou	ıpon				
	for	Discoun	t	decreased	as	for	related				
	discount			by 10	expected.	cus	stomer				
	and sele	ct		percent.							
	it										
4	Select th	the Payment		Payment	Payment	Customer		PASS		-	
	payment	t Method:		is done	is done.	must have					
	method	CreditCa	ard	and		enough					
	and			discord		mo	ney to				
	complete	e		coupon		buy	у.				
	the			must be							
	purchase	e		removed.							
				Test Da	ta Table						
					1		1				
	1		2		3		4		•••		
		opping cart		of books	Selected		Paymer				
	tal	and books		d their	Coupon: %	510	Method				
			pri	ces	Discount		CreditC	Card			
Post-co	nditions: Cou	pon is used fo	r the	purchase so i	it must be ren	iovec	l from th	e user av	ailab	le coupo	n
list.											

Test Cas	se ID: <b>PT-04</b>			Test Description: System must warn the customer if he/she tries to buy a book which is not in stock.				
Test Nai	me: Invalid Purch	ase (Book ou	t of stock)	Test Designe	ed by: Berkca	n ERBOL		
Use Case	e Tested : Paymer	nt Validation	Test Designe	ed Date: 05.0	4.2020			
Test Pric	ority (Low/Mediu	m/High): Hig	h	Test Execute	ed by: Berkca	n ERBOL		
Module	Name: Shopping			Test Executi	ion Date: 01.0	6.2020		
	ditions: Shopping encies: Shopping						ethods, sea	arch.
Depende filter etc	encies: Shopping must be handled	cart and relat	ted parts of sy	stem such as l	ogin, profile,	payment m	ethods, sea	arch,
Depende	encies: Shopping	cart and relat					nethods, sea	arch,

can be

stock to

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	sho	pping			shopping	shopping	warning			
	cart	Į.			cart.	cart.	about			
							stock.			
2	pay met and	ect the ment shod press JY" ton	Paymer Method Credit Card		There must be warning about the stock of the book and payment is not confirmed	The alert is shown to the user which has warning as "Not Available Stock"	Customer must not continue on the next phase.	PASS		-
3	the that	nove book is out stock	A book that is coof stock	out	Book is removed	Book is removed.	Now, shopping cart is able to continue on purchase	PASS		-
					Test Da	ta Table				
		1		2		3				
	A book that is out of stock Payment Method: Credit Card		thod:	A book that out of stock						
Post cond	litions	Durchasa	is not as	mnle	tod and quete	mar must ran	aovo the relet	ad baals a	nd a	ontinuo on

 $Post-conditions: \ Purchase \ is \ not \ completed \ and \ customer \ must \ remove \ the \ related \ book \ and \ continue \ on \ the \ purchase.$ 

Test Case ID: PT-05	Test Description: what happens if customer doesn't
	have enough money
Test Name: Invalid Purchase (Not Enough Money)	Test Designed by: Berkcan ERBOL
Use Case Tested : Payment Validation	Test Designed Date: 05.04.2020
Test Priority (Low/Medium/High): High	Test Executed by: Berkcan ERBOL
Module Name: Shopping	Test Execution Date: 01.06.2020

Pre-conditions: Customer doesn't have enough money to make the payment in e-wallet.

Dependencies: Shopping cart and related parts of system such as login, profile, payment methods, search, filter etc must be handled.

Step	Test Steps	Test Data	Expected	Actual	Notes	Status	
			Results	Results		P	F
1	Add	Any book	Books are	Books are	Total	PASS	-
	books to		added and	added and	Price for		
	the		can be	can be	the books		
			seen in the	seen in the	must be		

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	shopping		shopping	shopping	over the		
	cart		cart.	cart.	e-wallet		
	Cart		Cart.	Cart.	balance.		
2	Select payment method and press "BUY"	Paymen Method E-wallet	: must be a	There is not a E-Wallet option.	Same situation will be occurred for the	-	FAIL
	button.		e-wallet balance is not enough to make the payment.		lack of money in the credit card.		
3	Remove the books to complete the purchase or cancel the purchase and drop the cart.	-	It is now able to make a new purchase or remove the books from cart	Purchase is done with another payment method.	Decisions can change the situation.	PASS	-
	1.	<u> </u>		ta Table			I
	1	1	2	3			
	Any Bo	ook	Payment Method: E-Wallet	-			
Post-condition	ons: Payment	is not con	ıfirmed. Some bo	oks must be d	eleted.		

Test Ca	se ID: PT-06			Test Description: Loading money into the wallet					
Test Na	me: Money Loa	ıd		Test Designed by: Berkcan ERBOL					
Use Cas	se Tested : E-Wa	allet		<b>Test Desig</b>	ned Date: 05	.04.2020			
Test Pr	iority (Low/Med	lium/High): M	edium	Test Execu	ited by: Berk	can ERBO	L		
Module	Name: Shoppir	ıg		Test Execu	ition Date: 0	1.06.2020			
Depend must co	onfirm the loadin	parts of systen ng.	n such as login	, profile etc n			Card Company		
Step	Test Steps	Test Data	Expected	Actual	Notes	Status			
			Results	Results		P	F		

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1	Go to p	rofile	username	):	Actor	E-Wallet	Th	ere	_		FAIL
	and sel		deneme12		logged in	is		ould be			
	the E-V	Vallet	password	:	to the	removed.	a n	noney			
			1234		system	So there is		d page			
					and	no		t has			
					directed to	E-Wallet.	bla	nks for			
					the		the	;			
					E-Wallet		req	uired			
					Page			o of			
					C		cre	dit			
							car	d.			
2	Fill in t	the	CCN:(val	lid	Invoice	E-Wallet	Cre	edit	-		FAIL
	blanks	with	no)		details are	is	Ca	rd			
	valid ir	nfo	Security		shown to	removed.	Co	mpany			
	and pre		Code:(va	lid	the actor.	So there is	mu	ıst			
	the "LO	OAD"	number)			no	cor	nfirm			
	button.		Expiratio	n		E-Wallet.	the	;			
			Date: (Va	ılid			loading to				
		date)		date)			•	form			
								s task.			
3	Confirm		-	Given		E-Wallet		edit			FAIL
	paymei	nt		amount of		is	Ca				
					money is	removed.		mpany			
					loaded	So there is	mu				
					into the	no		nfirm			
					wallet.	E-Wallet.	the				
								ding to			
							_	form			
							this	s task.			
					T 4 D	to Table					
		1		2	Test Dat	a Table				<u> </u>	
			ama:		N-(wolid			-		•••	
		userna			N:(valid	-					
	deneme12 password: 1234			no)	curity						
				de:(valid							
		1434			nber)						
					oiration						
				-	te: (Valid						
				dat	`						
Post-co	nditions	Monev	is loaded ir		,	w customer h	as m	oney to b	uv items	<u> </u>	
1 031-001		oncy	is ionacu II		ice manet no	,, customer il	•45 III	one, to b	aj 1101115.		

Test Case ID: PT-7	Test Description: This testcase is a test case
	designed for a perfect scenario where everything
	works correctly.
Test Name: Successful Auction	Test Designed by:Mertcan KOÇER
Use Case Tested : Auction	Test Designed Date: 05/04/2020
Test Priority (Low/Medium/High): Medium	Test Executed by: -

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Module Name: Shopping				Test Execution Date: -				
	itions: Customer ncies: Login Syst		ogged into the sy work.	stem and ha	ive money i	n his/her e-	wallet	•
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Sta P	tus	F
1	Go to auction tab to see current auctions on system	Auction tab	The system shows all auctions in progress	-	Importa custome not to m opportu	nt for ers niss		FAIL
2	Bid to selected book	E-wallet and auction process	Highest bet holder must be updated and e-wallet balance must be decreased by system	-	The bid amount given by custome must be least 100 more that	the er at 2% an		FAIL
3	The notificatio ns page is checked to see if the customer has won the auction or if someone else made a new offer	Notificat ons tab	<del></del>	-	Sending notificat is very importated the information about we won the auction also be sto other who loss auction.	nt. oly, tion ho can sent users t the		FAIL
			Test Dat	a Table				
	1			3	4		<b></b>	
		<del>-    </del>		<del> </del>			+	

Post-conditions: The auction system is ready to use for customers. The user will be able to see the details of the books he has earned on the specific tab and follow the posting status of book.

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Test Case ID: PT-8				Test Description: Trying to participate auction with insufficient e-wallet balance.			
Test Name: Unsuccessful auction(Insufficient e-wallet balance)				Test Designed by: Mertcan KOÇER			
	Tested : Auction	1		Test Desig	ned Date: 05/0	4/2020	
Test Prio	rity (Low/Mediu	ım/High): M	edium	Test Execu			
Module N	Name: Shopping			Test Execu	ıtion Date: -		
Pre-cond	itions: Customer	s must be lo	gged into the sy	stem.			
Depende	ncies: Login Syst	em should w	ork.				
Step	Test Steps	Test Data	Expected	Actual	Notes	Status	
			Results	Results		P	F
1	Go to	Auction	The	-	Important		FAIL
	auction	tab	system		for		
	tab to see		shows all		customers		
	current		auctions		not to		
	auctions		in		miss		
	on system		progress		opportunit		
					ies		
2	Bid to	E-wallet	The	-	-		FAIL
	selected	and	system				
	book	auction	says				
		process	"Your				
			e-wallet				
			has not				
			enough				
			money to				
			participate				
			auction!"				
			and				
•••							FAIL
		<u> </u>	Test Da	ta Table	<u> </u>	1	
	1	2	1000 Du	3	4		•••
		— † -					
Post con	ditions: System r	adiracts or s	uggosts vou to	load money			
1 OST-COLL	uitions. System r	ean ects of s	uggesis you to	wau money.			

Test Case ID:PT-9	Test Description:
	It is a test case designed to enable users to express
	their requests, suggestions and complaints easily
	and quickly without system problems and to
	receive responses.
Test Name: Support System Approval	Test Designed by: Mertcan KOÇER
Use Case Tested : Successful Support System	Test Designed Date: 05/04/2020
Operation	
Test Priority (Low/Medium/High): Medium	Test Executed by: -

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Test Execution Date: -Module Name: Support System

	itions: Customer			ystem.			
Depender	ncies: Login Syst	em should wo	ork.				
<b>G</b> .	I m . G.	I	I	I	1 57 .	l a	
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	F
1	Go to	Support	Just like	-	It is an	_	FAIL
•	"Support	System	an email		important		
	Service"	Tab	system,		detail that		
	tab to get	140	previously		the user		
	help		received		can see		
	no.p		supports		old		
			will be		support		
			listed on		messages.		
			the screen				
			and a new				
			support				
			request				
			will be				
			created.				
2	A new	Compone	The	-	The	-	FAIL
	complaint,	nts that	message		support		
	suggestion	make up	must fall		service		
	or request	the	on the		should		
	mail will	support	interface		return to		
	be created	request	of the		the		
	and the	and	support		message		
	subject	message	service		within a		
	will be	sending	with the		certain		
	selected	system.	necessary		time.		
	from the		informatio				
	titles		n.				
	already given and						
	will be						
	sent to the						
	support						
	service.						
3	According	Rating	The	_	An	_	FAIL
	to the	process	scores		important		
	responses		received		action		
	they		by the		about the		
	receive to		support		functional		
	their		service		ity of the		
	problems,		should be		support		
	customers		visible to		service.		
	can		the admin.				
	continue						
	their						

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requor term and the that	port uests ninate rate help they				
1000	2146.	Test Dat	ta Tahla		
	1	2	3	4	

Post-conditions: Users can send their requests, suggestions and complaints to the support service and rate the help that they receive.

Test Case ID: PT-10	Test Description: Trying to reach support service
	without filling the required fields by the user.
Test Name: Incomplete Form Sending	Test Designed by: Mertcan KOÇER
Use Case Tested : Support Service	Test Designed Date: 05/04/2020
Test Priority (Low/Medium/High): Medium	Test Executed by: -
Module Name: Support System	Test Execution Date: -

Pre-conditions: Customers must be logged into the system.

Dependencies:Login System should work.

Step	Test Steps	Test Data	Expected	Actual	Notes	Status	
-	-		Results	Results		P	F
1	Go to	Support	Just like	-	It is an		FAIL
	"Support	System	an email		important		
	Service"	Tab	system,		detail that		
	tab to get		previously		the user		
	help		received		can see		
			supports		old		
			will be		support		
			listed on		messages.		
			the screen				
			and a new				
			support				
			request				
			will be				
			created.				
2	A new	Compone	The	-	-		FAIL
	complaint,	nts that	system				
	suggestion	make up	does not				
	or request	the	send the				
	mail will	support	message				
	be created	request	so that the				
	but one of	and	support				
	required	message	service				

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	field such as title selection or message field is unfilled.	sending system.	does not waste time and users can find a solution.							
•••										
			Test Da	ta Table						
	1		2	3	4					
			·							
Post-conditi	Post-conditions: System redirects and force you to fill necessary fields.									

Test Case ID: PT-11  Test Name: Admin Panel Approval  Use Case Tested: Admin Authorization  Test Priority (Low/Medium/High): High  Module Name: Admin  Pre-conditions: Admin Logged-in to the system.  Dependencies: Login System should work.				doing stock auction con Test Design Test Design Test Execu	a control, atrol. ned by: Ba ned Date: ted by: B	comment co atuhan Aydı	n	
Step	Test Steps	Test Data	Expected	Actual	Notes	Status		
-	_		Results	Results		P	F	
0	Check account settings	Account tables.	User profile should appear with related data.	Admin profile is shown	-	PASS	-	
1	Open admin panel.	Books and auctions tables.	Stocks and auction should appear.	Stocks is shown	-	PASS	-	
2	Add books to the system.	Books table.	Stock successfully been increased.	Stock is increased .	-	PASS	-	
3	Open/close a auction	Auction table.	Expired auction successfully removed, new auction successfully created.	No auction	-	-	FAIL	
4	Remove comments.	Comment table.	Inappropriate comment has	Comment is removed	-	PASS		

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			been removed.							
5	Confirm Order.	Order table.	Order completed.	Order is confirme d		PASS				
			<b>Test Data</b>	Table						
	1	,	2	3	4		•••			
Post-cor	Post-conditions:									

Test Case ID: PT-12  Test Name: User Panel Approval					Test Description: Check if admin capable of doing stock control, comment control and auction control.  Test Designed by: Batuhan Aydın				
Use Case Tested : User Authorization					signed Date				
Test Prior						Berkcan ERB	OL		
Module N	ame: User			Test Ex	ecution Dat	e: 06.06.2020			
	tions: Admin Log								
Dependen	cies: Login Syste	m should wor	r <b>k.</b>						
		T	1		1				
Step	Test Steps	Test Data	Expected	Actual	Notes	Status			
			Results	Result		P	F		
0	Cl. 1	<b>A</b>	TT (*1	S		DAGG			
0	Check	Account	User profile	User	-	PASS	-		
	Account	tables.	should appear	profil					
	Settings		with related	e is					
			data.	shown					
1	Navigate	Books	Books and	Books	-	PASS	-		
	Shop.	and	auctions	are					
		auctions	should	shown					
		tables.	appear.						
2	Add a book	Wishlist	User	There	-	-	FAIL		
	to the	table.	successfully	is no					
	wishlist or		mark a book	wishli					
	see books		as a liked	st					
	added to		book. User						
	the wishlist.		should see a						
			heart icon						
			near to the						
			book if it						
			already has						
			been added to						
			the wishlist.						
3	Make a	User	Comment	Com	-	PASS	-		
	comment or	tables.	successful	ment					
	rate a book		has been	and					
			added, book	rating					

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			rating has	is					
			been added.	done.					
4	Communic	Suppor	ts User sent a	Suppo	-		-	FAI	L
	ate with the	system	message that	rt					
	support	table.	has his/her	syste					
	system.		request,	m is					
			complaint or	not					
			suggestion to	imple					
			the support	mente					
			system.	d					
5	Navigate	User	User should	Order	-		PASS	-	
	notification	table.	see his/her	table					
	panel.		completed	is					
			auctions and	shown					
			support						
			system						
			responses						
	_		Test Data	Γable		_			
	1		2	3		4		•••	
Post-condi	tions:		_	_		_	_	_	

Test Case ID: PT-13  Test Name: Successful Comment Use Case Tested: Comment Test Priority: Low Module Name: Comment/Rate  Pre-conditions: Customer must be logged in and must have				Test Description: Checking what happens if a customer tries to comment on a book that they have not purchased before.  Test Designed by: Alptug Emirhan ARTAN Test Designed Date: 05/04/2020 Test Executed by: Eren Özger Test Execution Date: 14.06.2020				
		nust be logge	ed in and must ha	ve purcha	sed the releva	ant book alro	eady.	
Depende	encies:							
Step	Test Steps	Test Data	Expected	Actual	Notes	Status		
			Results	Results		P	F	
1	Open the	Purchase	Comment is	Even if	It is		FAIL	
	book page	history	not	the	assumed			
	you want to		confirmed by	user	that			
	comment		the system	has not	user's			
	on and try		unless the	receive	only			
	commentin		book was	d the	make			
	g		purchased by	book,	comment			
			the user	he/she	s on the			
			before	can	books			
				comme	that they			
				nt.	have			

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					actually		
					read		
2	Open shopping cart after adding the relevant book to the cart.	Shopping cart tab and books	Shopping cart is shown to the user with the relevant book the user wants to buy	The book has been success fully added to the user's shopping cart.	It is assumed that the relevant book is added to shopping cart.	PASS	-
3	Purchase the relevant book in the shopping cart	Payment methods and shopping cart	Book is successfully purchased by the user	The user comple ted the process by pressin g the confir mation button.	It is assumed that the user won't try to comment on the book before actually getting the book and reading it.	PASS	-
4	Open the book page you want to comment on, enter your comment and click the comment button	Purchase history, user tables	Comment is successfully made	The user's comme nt was success fully added to the page.	prevente d from comment ing again.	PASS	-
5	Click the edit button next to your comment, edit your comment and click the confirm button	User tables	Comment is successfully edited	Editing comme nts has not been added to the system.	There is no comment editing system.	-	FAIL

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6	Click the	User	Comment is	The	The user	PASS	-			
	delete	tables	successfully	user	could					
	button next		deleted	could	only see					
	to your			only	the delete					
	comment			see the	button					
	and click			delete	from the					
	the confirm			button	part next					
	button			from	to her					
				the part	comment					
				next to	and was					
				his/her	able to					
				comme	delete it.					
				nt and						
				was						
				able to						
				delete						
				it.						
			Test Data T	able						
	1	2		3	4	•••				
Post-conditi	Post-conditions: The comment was successfully made and added to the relevant page.									

Test Nam Use Case Test Pric Module I	e ID: PT-14  ne: Successful Encry Tested : Encryptio ority : High Name: Database Ma litions: The databas ncies: Registering u	Test Description: Encryption and compare with database.  Test Designed by: Eren Özger  Test Designed Date: 06/04/2020  Test Executed by: Eren Özger  Test Executed by: 14.06.2020  connection can be established.					
Step	Test Steps	Expected	Actual	Notes	Status		
			Results	Results		P	F
1	Go to the registration page	User registration tab	The requested data was entered correctly.	Necessa ry places were entered for the informat ion to be entered.	Data were entered irrespective of accuracy.	PASS	
2	The user sets a password within certain rules.	The part where password should be entered.	A password is determined according to the password	It was entered in accorda nce with the	The user has set a password by following the	PASS	

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			format and rules.	passwor d rules.	password rules.		
3	The password received from the frontend is encrypted in md5 format before it is sent to the database.	Program in the frontend design section.	The entered password is encrypted.	The user passwor d is encrypte d on the frontend	Encryption protocols were used.	PASS	
4	Examination of the encrypted password in the mysql workbench.	Online mysql workbench	The encrypted password was stored in the database correctly and undetectabl e.	The encrypte d passwor d was sent to the database over Http to be saved in the database .	The database was checked and the password was seen encrypted.	PASS	
5	The user to enter his / her information from the user login page to enter the system.	Tab of the Log in section.	Successfull y login.	Login to the system with the created passwor d was tried and successf ully entered.	When entering the site, the password received was encrypted again and checked.	PASS	
6	The password that the user tries to enter is encrypted again with the md5 format and compared with the data in the database.	Encrypted data from the user interface and databases.	The entered and stored passwords are compared and the login process is successfully provided.	When entering the site, the passwor d received was encrypte d again and checked.	Login with the first set password.	PASS	

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Test Data Table									
1 2 3 4									
	User	User Password	Encrypted						
	information		Password						
Post-conditions: Encryption operation successfully working in the system.									

Test Case ID: PT-15					Test Description: Adding and deleting data from the database, the correct realization of them.					
Test Nan	ne: Successful Data St	orage in the I	<b>Database</b>	Test Designed by: Eren Özger						
	Tested : Stock Contr	ol		Test Des	igned Date:	06/04/202	0			
Test Prio	ority : High			Test Exe	ecuted by: <b>E</b>	eren Özger				
Module 1	Name: Database Man	agement-2		Test Exe	ecution Date	e: 14.06.202	20			
Pre-cond	litions: The database	must be open	online and a cor	nection ca	an be establ	ished.				
Depende	ncies: The system of a	dding produc	ts and stock con	trol syste	ms must be	working p	roperly.			
			_	_		_				
Step	Test Steps	Test Data	Expected	Actual	Notes	Status	orking properly.  Status  PASS			
			Results	Results		P	F			
2	Book adding system is entered from the menu in the admin interface.	Book adding tab from admin interface.	Book adding system tab was found from the menu and	Login to the system with admin inform ation.  Add-p roduct tab was entere d in	The correct admin informat ion was used.  It can also be accesse d from the products	PASS				
3	All the data to be filled are filled, the parts to be selected are selected.	Book adding tab from admin interface	successfully entered.  All fields are filled.	All require d fields are filled.	page if desired.	PASS				
4	The button to add and save the books at	Add book and save changes	Saved successfully and the page	All inform ation	Form controls were	PASS				

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	the	bottom of	but	ton	is	is	applied											
		page is		m add	automaticall	compl	applied											
		ssed and	boo		y refreshed	ete.	tested.											
	_	transaction		tem	and gives	CtC.	tostoa.											
		confirmed	tab		correct													
		accepting	iuo	•	results.													
		warning.			resurts.													
		warming.																
5	Cli	cks	Sto	cks	The search	The	The part			FAIL								
	"St	ocks"	pag	ge in the	section	search	could											
	but	ton in the		nin	gives the	section	not be											
	adr	nin	inte	erface.	correct	has not	tested											
	inte	erface.With			result, the	been	because											
	the	small			operations	added	it was											
	sea	rch and			are done in	in the	not											
	rea	ches the			a short time	stock	added.											
	boo	ok he / she			and the page	section												
	wa	nts to edit.			is													
					dynamically													
					refreshed.													
6	Cli	cking the	Sav	/e	Accurate	Book	When	PASS										
	sav	e changes	· ·		saving of all	edit	the											
	but	ton at the			changes.	section	editing											
	bot	tom of the	sto	cks		has	operatio											
		ge, updates		ge in the		been	n was											
	and	l controls	adr	nin		reache	saved,											
	the	stock	inte	erface		d and	the											
	stat	tus.				all	operatio											
						editing	n was											
						proces	successf											
						s has	ul.											
						been												
						done.												
		T .			Test Data Tab		1.		1									
		1		2	•	3	4		•••									
		Admin logii		Old Boo		Stock	New Boo											
		information		Informa		Count	Informat		<u> </u>									
					d to the databas	e and don	e without a	ny prob	lems	. This								
process can	take	piace continu	ously	<b>y</b> •					Post-conditions:New entries have been added to the database and done without any problems. This process can take place continuously.									

Test Case ID: PT-16	Test Description: Checking what happens if a data desired to be changed or update.
Test Name: Successful Data update and editing in the system.	Test Designed by: Eren Özger
Use Case Tested : User profile and delete update cases	Test Designed Date: 06/04/2020
Test Priority : High	Test Executed by: Eren Özger

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Test Execution Date: 14.06.2020 **Module Name: Database Management-3** Pre-conditions: The database must be open online and a connection can be established. **Dependencies:** Test Steps **Test Data** Expected Actual Notes Step Status Results Results P F 1 The user enters User The User The **PASS** their profile profile tab profile profile profile page to edit from the section page is was their menu successf was created information. section on differentl ully entered the main from the entered y for admin page. and the menu and data and user. correct informati were on is accessed. reached. 2 **PASS** Add a new Editing A new If the After address or edit parts address address entering the registered inside the is not the new is addresses. profile attached, entered address, tab. or the the the part attachme turned current address nt section back to its looked old color green changed. and the and an address addition request request was was removed. made. 3 Add a new **PASS** Bottom A new Add After the payment button and payment **Payment** new method or edit editing method and Edit payment the addresses it method parts is payment has already inside the entered buttons was added and save profile or the came added, the tab. changes. current accordin added one is g to payment method changed. whether the user was has a shown. payment method or not. 4 The **PASS** An Admin Admin All administrator interface admin user informati session is tab. panel is login was on came

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	1 1 1 1				0	l,			T.	
5	opened and the update-delete book page is entered from the menu in the admin interface.  Find the product he wants to delet or edit from the small search box on the left and enters where wants to defrom the box this right.	To see in e ac in	he left earch part the dmin terface.	accessed and the required menu is reached and the data is accessed. The correct result was found from the search section, and the desired operation was	successfu lly done and book editing section was entered.  The search part is not added on the deletion screen of the products.	to the screen.			FAIL	
				selected correctly from the buttons next to it.						
6	By clicking the save changes button underneath, the warning is confirmed and the test is completed.	buthe of pa	rom the atton at the bottom of the	After pressing the save changes button, all changes take place and the new version is showing on the screen.	The change process has been complete d and the new version has been seen.	The updated data was also viewed from the database.	PAS	SS		
	-		7	rest Data T	able	!	1			
	1		2		3	4				
		'n	-	nfo	New data	1				
Dost sondi	Admin info. Books info. New data  Post conditions: Editing and undates to the necessary data in the database were made without any									

Post-conditions: Editing and updates to the necessary data in the database were made without any problems. This process can take place continuously

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Test Case ID: PT-17				Test Description:			
Test Name	Test Name: Login/Logout Test			Test Designed by: Alptug Emirhan ARTAN			
Use Case T	Use Case Tested : Login/Logout Process			Test Designed Date: 06/04/2020			
	Test Priority : High			Test Execute	ed by: <mark>Eren Öz</mark> g	er	
Module Na	nme: Login/Logo	ut		Test Executi	ion Date: 14.06.2	2020	
	ions: Customer 1	nust be logge	d in and must h	ave purchased	l the relevant bo	ok already	y <b>.</b>
Dependence	cies:						
	•			•		T	
Step	Test Steps	Test Data	Expected	Actual	Notes	Status	1
			Results	Results		P	F
1	Click the	User	Login page	The	After	PASS	-
	login	login tab	is opened	login-regis	pressing the		
	button from		successfully	ter button	button, the		
	the			in the	page was		
	navigation			navigation	opened with		
	bar			bar was	angular-mat		
				clicked	erial.		
				and a			
				pop-up			
				was			
				displayed.			
2	Enter your	Account	If both the	The	If either the	PASS	-
	account	tables	account	accuracy	account		
	email &		email &	of all	email &		
	password		password is	informatio	password is		

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	and click		correct and	n has been	not correct		
	login		correspondi	checked	the login		
	8		ng to each	and the	process will		
			other the	operation	be		
			login should	has been	unsuccessful		
			be	successful	and it will		
l			successful	ly	warn the		
			Successiai	completed	user that		
				Completed	either the		
					email has		
					not been		
					registered		
					before or the		
					email and		
					the password		
					does not		
					match.		
3	Click the	Account	The user	After	After the	PASS	-
	logout	tables	should be	logging	user logged		
l	button on		logged out	into the	out, the page		
	the		of their	system,	was		
	navigation		account	the button,	refreshed		
	bar		successfully	which is	and the		
				login-regis	button was		
				ter, turned	restored and		
				into logout	the operation		
				button and	was		
				the	completed		
				process	successfully.		
				was			
			•	achieved			
				with this.			
			Test Data	with this.  Fable	_		
	1	2	Test Data	with this.	4		
	1	2	Test Data	with this.  Fable	4		

Test Case	e ID: PT-18		Test Description:						
Test Nam	ne: Register Test		Test Designed by: Alptug Emirhan ARTAN						
<b>Use Case Tested : Registering Process</b>				Test Designed Date: 06/04/2020					
Test Priority : High					Test Executed by: Eren Özger				
Module N	Name: Register			Test Exec	ution Date: 14	.06.2020			
Pre-cond	itions: Customer 1	must be logge	d in and must h	ave purchase	d the relevant	t book already	•		
Depender	ncies:								
Step	Test Steps	Test Data	Expected	Actual	Notes	Status			
			Results	Results		P	F		

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ro b tl n b	Click the egister outton on he navigation oar	User registratio n tab	Register page is opened successfully	The login-regi ster button was clicked and the register section in the pop-up was reached.	-After pressing the button, 2 tabs were opened, the register tab was used.	PASS	-	
n s d e o d p a u a a	Enter your name, urname, lesired email, date of birth and lesired eassword, accept the aser agreements and click the sign up outton	Account tables	The user should be successfully registered to the system	User registrati on informati on was checked one by one in the required sections and complian ce tests were performe d.	Unless all the information fields are filled, the desired password meets the requirements of the system and the desired email has not been used before the registration process can not be successful and it will warn the user with the corresponding error	PASS		
	1	12	Test Data T	1	14			
Post-condition	User information to be registered.  Post-conditions: The comment was successfully made and added to the relevant page.							