

## TicketBooth

**Author (s):** Aldhaheri, Sara M.

**Date:** 21-October-2019

**Version:** 1

<b>USE CASE NAME:</b>	Login		<b>USE CASE TYPE</b> <b>Business Requirements:</b> <input type="checkbox"/>
<b>USE CASE ID:</b>			
<b>PRIORITY:</b>	High		
<b>PRIMARY BUSINESS ACTOR:</b>	System Administrators, Customers, Wholesalers, Event Organizers		
<b>OTHER PARTICIPATING ACTORS:</b>	System		
<b>OTHER INTERESTED STAKEHOLDERS:</b>	Database		
<b>SHORT DESCRIPTION:</b>	This use case is responsible for logging in TicketBooth users into the system		
<b>PRE-CONDITION:</b>	An account exists in order to complete login process		
<b>TRIGGER:</b>	Login button is pressed when credential fields are filled		
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>	
	<b>Step 1:</b> User enters their credentials.	<b>Step 2:</b> System searches for the provided email in database.	
		<b>Step 3:</b> If email exists in database, system matches provided password to the provided email.	
		<b>Step 4:</b> If credentials match, system redirects User to appropriate interface depending on their account type.	
<b>ALTERNATE COURSES:</b>	<b>Alt-Step 2:</b> Email is not found, User is redirected to Register page.		
	<b>Alt-Step 3:</b> Password does not match email, User is redirected to Login page.		
<b>CONCLUSION:</b>	The use case concludes when User is logged into the interface or when User is redirected to the Register page.		
<b>POST-CONDITION:</b>	User status on the system is active/online.		

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<b>USE CASE NAME:</b>	Registration	<b>USE CASE TYPE</b> <b>Business Requirements:</b> <input type="checkbox"/>
<b>USE CASE ID:</b>		
<b>PRIORITY:</b>	High	
<b>PRIMARY BUSINESS ACTOR:</b>	System Administrators, Customers, Wholesalers, Event Organizers	
<b>OTHER PARTICIPATING ACTORS:</b>	System	
<b>OTHER INTERESTED STAKEHOLDERS:</b>	Database	
<b>SHORT DESCRIPTION:</b>	This use case is responsible for registering a new User to the database	
<b>PRE-CONDITION:</b>	An account / email does not exist in the database	
<b>TRIGGER:</b>	Register button is clicked or upon failed Login attempt	
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>
	<b>Step 1:</b> User enters email and other details	<b>Step 2:</b> System stores details in database
		<b>Step 3:</b> System sends confirmation to provided email
		<b>Step 4:</b> System logs in User and User is redirected to interface
<b>ALTERNATE COURSES:</b>	<b>Alt-Step 2:</b> User enter non existent email or does not enter all required field, System refreshes Register page and prompts User to enter correct data	
<b>CONCLUSION:</b>	Registration ends when confirmation email is sent	
<b>POST-CONDITION:</b>	New account is saved in the database	
<b>BUSINESS RULES:</b>	No two accounts should have all identical fields	

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<b>USE CASE NAME:</b>	Purchase Tickets in Bulks		<b>USE CASE TYPE</b> Business Requirements: <input type="checkbox"/>
<b>USE CASE ID:</b>			
<b>PRIORITY:</b>	High		
<b>PRIMARY BUSINESS ACTOR:</b>	Wholesalers		
<b>OTHER PARTICIPATING ACTORS:</b>	System Administrators, System		
<b>OTHER INTERESTED STAKEHOLDERS:</b>	Bank		
<b>SHORT DESCRIPTION:</b>	This use case is designed to sell more than 5 tickets to a wholesaler		
<b>PRE-CONDITION:</b>	Wholesaler account is logged in		
<b>TRIGGER:</b>	Event is selected along with specific timing and other relevant details		
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>	
	<b>Step 1:</b> Wholesaler selects an event	<b>Step 2:</b> System redirects Wholesaler to the page of selected Event	
	<b>Step 3:</b> Wholesaler selects time, date, seat, number of tickets whenever relevant	<b>Step 4:</b> System stores order request	
		<b>Step 5:</b> System prompts Wholesaler for payment method	
	<b>Step 6:</b> Wholesaler enters payment method and information	<b>Step 7:</b> System Wholesaler with bank and awaits bank approval	
		<b>Step 8:</b> System updates Event information on the database	
<b>ALTERNATE COURSES:</b>	<b>Alt- Step 7:</b> If bank does not approve, System notifies Customer		
<b>CONCLUSION:</b>	The use case is terminated when the System is updated		
<b>POST-CONDITION:</b>	Seat capacity is updated		
<b>BUSINESS RULES:</b>	A contract between bank and management exists		

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<b>USE CASE NAME:</b>	Purchase Tickets		<b>USE CASE TYPE</b> <b>Business Requirements:</b> <input type="checkbox"/>
<b>USE CASE ID:</b>			
<b>PRIORITY:</b>	High		
<b>PRIMARY BUSINESS ACTOR:</b>	Customers		
<b>OTHER PARTICIPATING ACTORS:</b>	System Administrators, System		
<b>OTHER INTERESTED STAKEHOLDERS:</b>	Banks		
<b>SHORT DESCRIPTION:</b>	This use case is to enable Customers to buy a maximum of 5 tickets to an Event		
<b>PRE-CONDITION:</b>	Customer is logged in Management has made deals with banks to approve card purchases		
<b>TRIGGER:</b>	Event is selected along with specific timing and other relevant details		
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>	
	<b>Step 1:</b> Customer selects an event	<b>Step 2:</b> System redirects Customer to the page of selected Event	
	<b>Step 3:</b> Customer selects time, date, seat, number of tickets whenever relevant	<b>Step 4:</b> System stores order request	
		<b>Step 5:</b> System prompts Customer for payment method	
	<b>Step 6:</b> Customer enters payment method and information	<b>Step 7:</b> System connects with bank and awaits bank approval	
		<b>Step 8:</b> System updates Event information on the database	
<b>ALTERNATE COURSES:</b>	<b>Alt- Step 7:</b> If bank does not approve, System notifies Customer		
<b>CONCLUSION:</b>	The use case is terminated when the System is updated		
<b>POST-CONDITION:</b>	Seat capacity is updated		
<b>BUSINESS RULES:</b>	A contract between bank and management exists		

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<b>USE CASE NAME:</b>	Send Request Refund	<b>USE CASE TYPE</b> <b>Business Requirements:</b> <input type="checkbox"/>
<b>USE CASE ID:</b>		
<b>PRIORITY:</b>	High	
<b>PRIMARY BUSINESS ACTOR:</b>	Customers, Wholesalers	
<b>OTHER PARTICIPATING ACTORS:</b>	System Administrators, System	
<b>OTHER INTERESTED STAKEHOLDERS:</b>	Bank	
<b>SHORT DESCRIPTION:</b>	This use case is designed to assist Customers and Wholesalers in the process of requesting for a refund upon a cancelled Event	
<b>PRE-CONDITION:</b>	A purchase has been made for the cancelled Event System Administrator opens Request Refund button cancelled Event	
<b>TRIGGER:</b>	Customer or Wholesaler clicks on Request Refund	
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>
	<b>Step 1:</b> Customer request refund for cancelled Event	<b>Step 2:</b> System recognizes Event is cancelled
		<b>Step 3:</b> System alerts System Administrator that a money transfer with Bank will be made
	<b>Step 4:</b> System Administrator approves Bank request for fund transfer	<b>Step 5:</b> System attempts connection with Bank and connection made
		<b>Step 6:</b> Bank approves
	<b>Step 7:</b> Customer receives refund	
<b>ALTERNATE COURSES:</b>	<b>Alt-Step 5:</b> Bank declines connection	
	<b>Alt-Step 6:</b> System Administration's attempts to make connection manually	
<b>CONCLUSION:</b>	This use case ends when requested refunds are successfully returned	
<b>POST-CONDITION:</b>	Event Organizers are contacted regarding refunds	
<b>BUSINESS RULES:</b>	No refunds for any other reason except for a cancelled event Receipts are issued.	
<b>ASSUMPTIONS:</b>	Customers are alerted once refunds are completed	

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<b>USE CASE NAME:</b>	Create Event	<b>USE CASE TYPE</b> <b>Business Requirements:</b> <input type="checkbox"/>
<b>USE CASE ID:</b>		
<b>PRIORITY:</b>	High	
<b>PRIMARY BUSINESS ACTOR:</b>	System Administrators, Event Organizers	
<b>OTHER PARTICIPATING ACTORS:</b>	System	
<b>OTHER INTERESTED STAKEHOLDERS:</b>	N/A	
<b>SHORT DESCRIPTION:</b>	This use case is accessible to Event Organizers for creating a new Event.	
<b>PRE-CONDITION:</b>	Event Organizer is logged in System Administrator has vetted and verified the Event Organizer's account	
<b>TRIGGER:</b>	Event Organizer clicked on Create New Event button	
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>
	<b>Step 1:</b> Event Organizer fills description about new Event	<b>Step 2:</b> System requests Supporting Documents to be examined by System Administrators
	<b>Step 3:</b> System Administrators reviews new Event	
	<b>Step 4:</b> System Administrator approves Event	<b>Step 5:</b> System updates Database with new event
		<b>Step 6:</b> System allows Event Organizer to open Upload Supporting File page
		<b>Step 7:</b> System alerts Event Organizer to Upload Supporting File
<b>ALTERNATE COURSES:</b>	<b>Alt-Step 4:</b> System Administrator rejects Event	
	<b>Alt-Step 5:</b> System alerts Event Organizer	
<b>CONCLUSION:</b>	This use case ends when Event Organizer is updated on status of New Event	
<b>POST-CONDITION:</b>	System stores attempted request regardless of status	

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<b>USE CASE NAME:</b>	Set Bid for Catalog Position	<b>USE CASE TYPE</b> <b>Business Requirements:</b> <input type="checkbox"/>
<b>USE CASE ID:</b>		
<b>PRIORITY:</b>	High	
<b>PRIMARY BUSINESS ACTOR:</b>	Event Organizers	
<b>OTHER PARTICIPATING ACTORS:</b>	System Administrators	
<b>OTHER INTERESTED STAKEHOLDERS:</b>	System	
<b>SHORT DESCRIPTION:</b>	This use case is prompted when Event Organizers wish to promote their event within the interface.	
<b>PRE-CONDITION:</b>	Event Organizer is logged in Event Organizer selected Boost Event	
<b>TRIGGER:</b>	Event Organizer is redirected from Boost Event page	
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>
	<b>Step 1:</b> Event Organizer uploads bid	<b>Step 2:</b> System stores bid in database
		<b>Step 3:</b> System sends request to System Administrators
	<b>Step 4:</b> System Administrator considers bid and approves	<b>Step 5:</b> System sends confirmation to Event Organizer
		<b>Step 6:</b> System promotes events on front page and other pages of the interface following System Administrators instructions
<b>ALTERNATE COURSES:</b>	<b>Alt-Step 4:</b> System Administrator rejects bid.	
	<b>Alt-Step 5:</b> System notifies Event Organizer on request status	
<b>CONCLUSION:</b>	This use case is terminated when a request is sent to a System Administrator for investigation	
<b>POST-CONDITION:</b>	Bid is sent for consideration / investigation to System Administrator	
<b>BUSINESS RULES:</b>	Documents to support request must be provided	