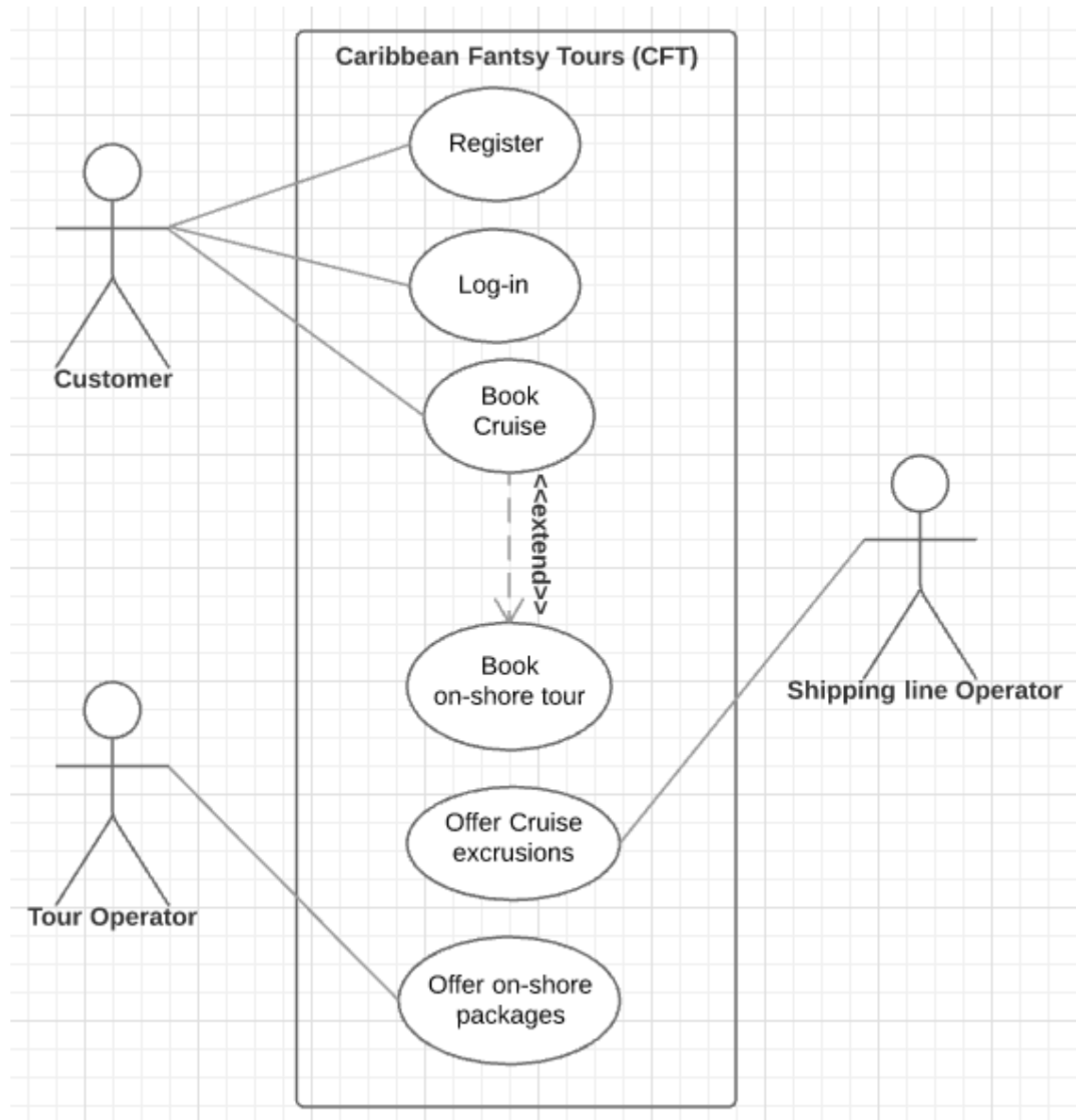


Software Modeling

Assignment 1

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Use-case diagram



Use-case description

Use Case Number:	UC-01
Use Case Name:	Customer Registration
Overview:	Customer will be able to register for an account on the system that will contain all the user's information. Information includes user ID, password, name, phone number, email address.
Actor(s):	Customer
Pre-condition(s):	The customer visit the website. The customer must have a valid Email for registration.
Scenario Flow:	Main (success) Flow: <ol style="list-style-type: none"> 1. Customer attempts to create a new account on the system 2. Customer adds all the information (user ID, password, name, phone number, email address)
Alternate Flows:	N/A
Post Condition:	The Customer is now registered with an account on the system.

Use Case Number:	UC-02
Use Case Name:	Customer login
Overview:	Customer will be able to login the system that will contain all the user's and cruises excursion's information.
Actor(s):	Customer
Pre-condition(s):	The customer visit the website. The customer must be have an account.
Scenario Flow:	Main (success) Flow: <ol style="list-style-type: none"> 3. Customer attempts to enter ID and password. 4. Customer is successfully login in to his/her account. 5. Customer explores all cruises offers.
Alternate Flows:	<ol style="list-style-type: none"> 1. Customer can have an option of accessing the site as Guest. <p>Post-Condition: Customer access the system as guest.</p>
Post Condition:	The customer successfully accesses the system.

Use Case Number:	UC-03
Use Case Name:	Book cruise
Overview:	Customer can book an available cruise from one of the shipping lines that are offered in the booking system by the shipping lines operators.
Actor(s):	Customer
Pre-condition(s):	The customer visit the website. The customer must have an account. The customer logins in the system.
Scenario Flow:	<p>Main (success) Flow:</p> <ol style="list-style-type: none"> 1. Customer explores the available cruise excursions. 2. Customer selects one of the available cruise excursions. 3. Customer can get the excursions information such as, ports visited, the ship room price packages, ship facilities and the on-shore trips that the customer booking. 4. Customer can explore and select room packages for an excursion. 5. Customer books a potential cruise excursion.
Alternate Flows:	<ol style="list-style-type: none"> 1. Customer can edit a booking by changing some information. 2. Customer can cancel a booking from the system. <p>Post-Condition: a current booking has modified or canceled.</p>
Post Condition:	The Customer booked a selected cruise excursion.

Use Case Number:	UC-04
Use Case Name:	Books on-shore tour
Overview:	While the customer (is booking) or (has booked) a cruise excursion, the customer can also book an on-shore tour that only related to a cruise excursion. The on-shore tours are offered by tour operator. Once the customer book a tour, the tour operator gets notified.
Actor(s):	Customer
Pre-condition(s):	The customer visit the website. The customer must have an account. The customer logins in the system. The customer is booking or has booked a cruise excursion.
Scenario Flow:	<p>Main (success) Flow:</p> <ol style="list-style-type: none"> 1. Customer attempts to book on-shore tour that is offered by the tour operator. 2. Customer select the available on-short trip for booked cruise excursion. 3. Customer books on-short for port visited. 4. The tour operator gets notified.
Alternate Flows:	<ol style="list-style-type: none"> 1. Customer can edit a booking by changing some information. 2. Customer can cancel a booking from the system.

	<p>3. The tour operator gets notified for any changes.</p> <p>Post-Condition: a current booking has modified or canceled and tour operator got a notified for any changes.</p>
Post Condition:	The customer booked a selected on-shore tour and the system sent a notification to the tour operator.

Use Case Number:	UC-05
Use Case Name:	Offer cruise excursions packages
Overview:	Shipping line operator will be able to offer cruise excursions packages with all the information that needed to the customers.
Actor(s):	Shipping line operator.
Pre-condition(s):	<p>The shipping line operator visits the website.</p> <p>The shipping line operator must have an account.</p> <p>The shipping line operator logs in to the system.</p>
Scenario Flow:	<p>Main (success) Flow:</p> <ol style="list-style-type: none"> Shipping line operator attempts to offer/post a cruise excursion packages Shipping line operator add the packages information on the system. Shipping line operator posts the packages on the system for the customers. The system posts all the cruise excursion packages to the customers.
Alternate Flows:	<ol style="list-style-type: none"> Shipping line operator can edit an offered excursion package by changing some information. Shipping line operator can cancel an offered excursion package from the system. <p>Post-Condition: a current offered excursion package has modified or canceled by the shipping line operator.</p>
Post Condition:	Shipping line operator offered/posted the cruise excursions packages and their information successfully to the customer via the system.

Use Case Number:	UC-06
Use Case Name:	Offer on-shore tours
Overview:	Tour operator will be able to offer on-shore tours for specific cruise excursion with all the information that needed for the customers.
Actor(s):	Tour operator.
Pre-condition(s):	<p>The tour operator visits the website.</p> <p>The tour operator must have an account.</p> <p>The tour operator logs in the system.</p> <p>The cruise excursions should be added in system.</p>
Scenario Flow:	<p>Main (success) Flow:</p> <ol style="list-style-type: none"> Tour operator attempts to offer/post on-shore tours/packages.

	<ol style="list-style-type: none"> 2. Tour operator add the packages information on the system. 3. Tour operator offers on-shore packages on the system for the customers. 4. The system posts all the tour packages to the customers.
<i>Alternate Flows:</i>	<ol style="list-style-type: none"> 1. Tour operator can edit an offered package by changing some information. 2. Tour operator can cancel an offered package from the system. <p>Post-Condition: a current tour package has modified or canceled by the tour operator.</p>
Post Condition:	Tour operator offered/posted the on-shore packages and their information successfully to the customer via the system.