Diagram: Business Domain Model

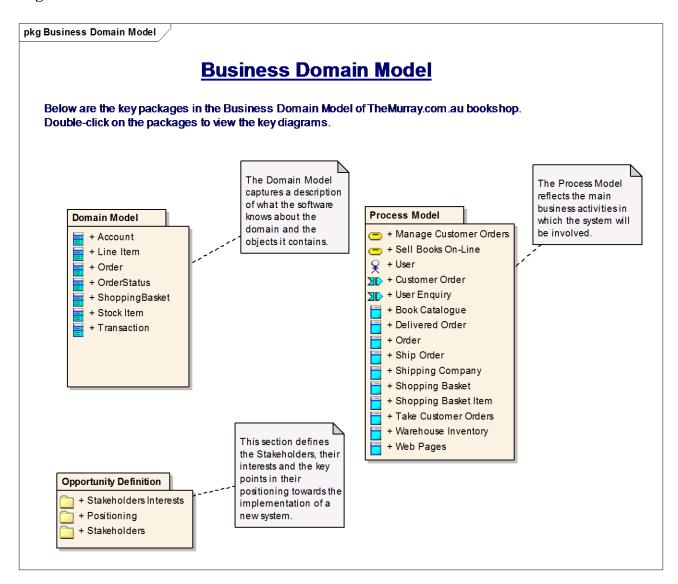


Diagram: Domain Model

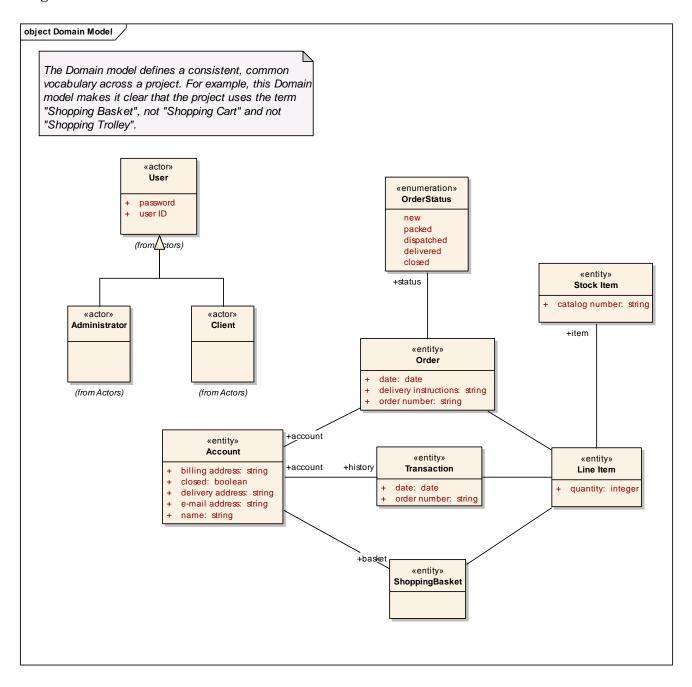


Diagram: Opportunity Definition

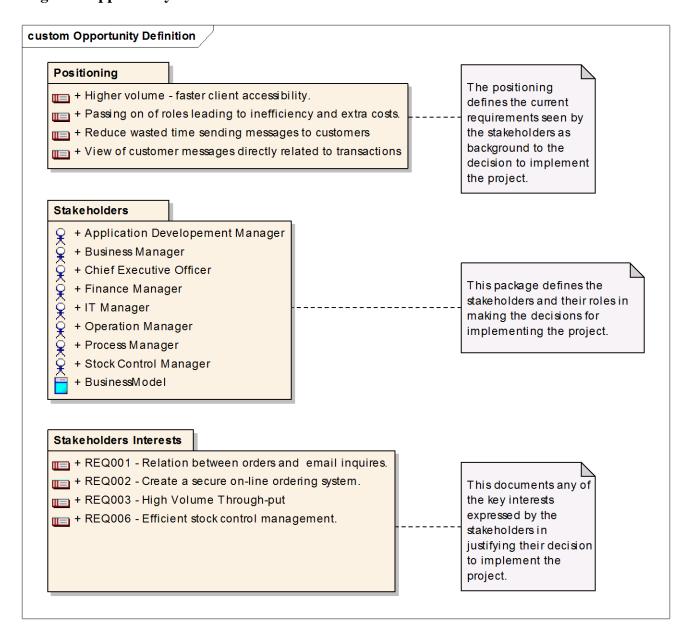


Diagram: Stakeholders

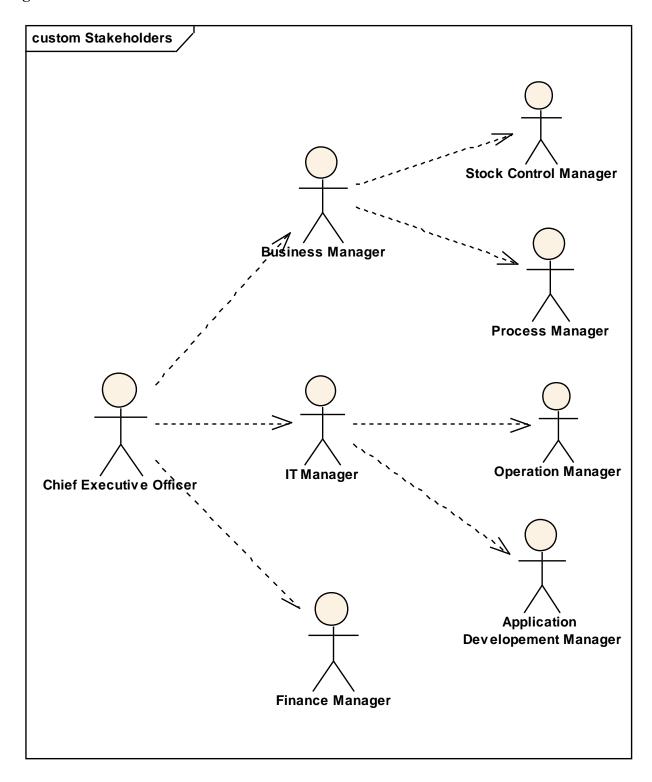


Diagram: Stakeholders Images

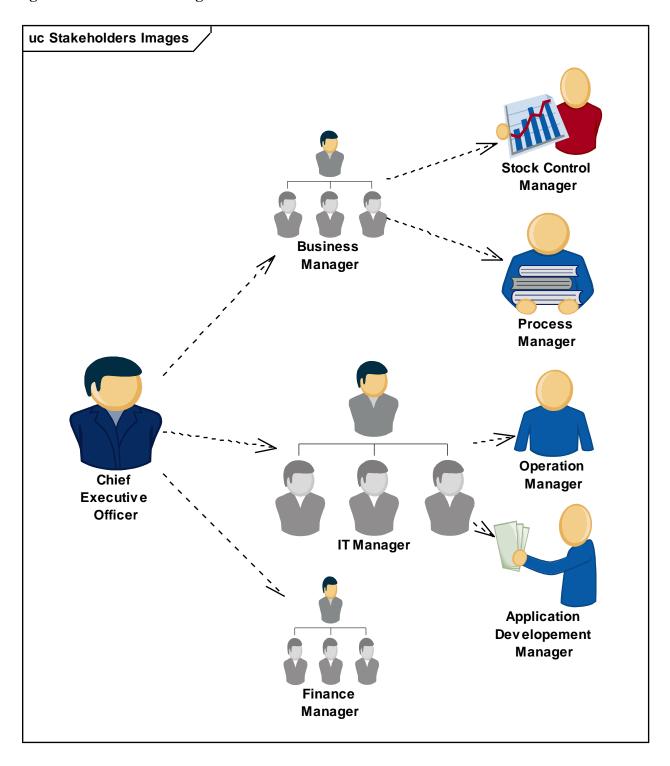


Diagram: Stakeholders Interests

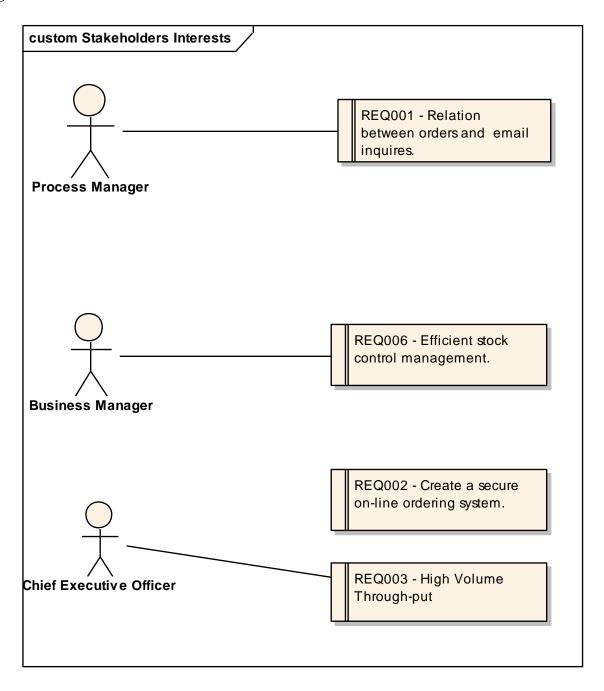


Diagram: Positioning

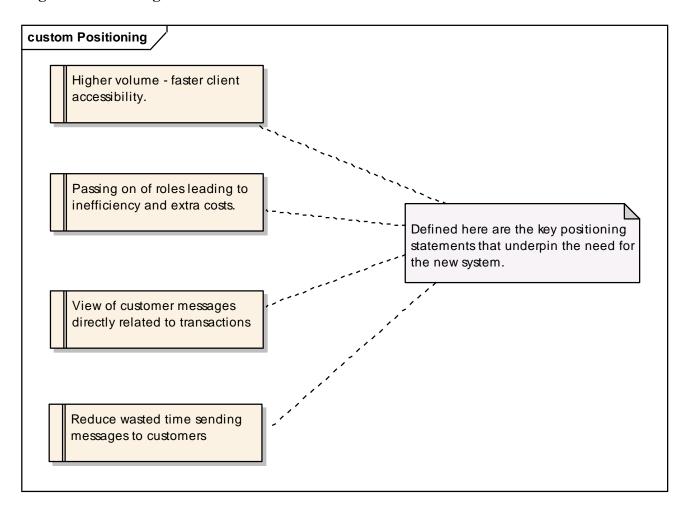


Diagram: Process Model

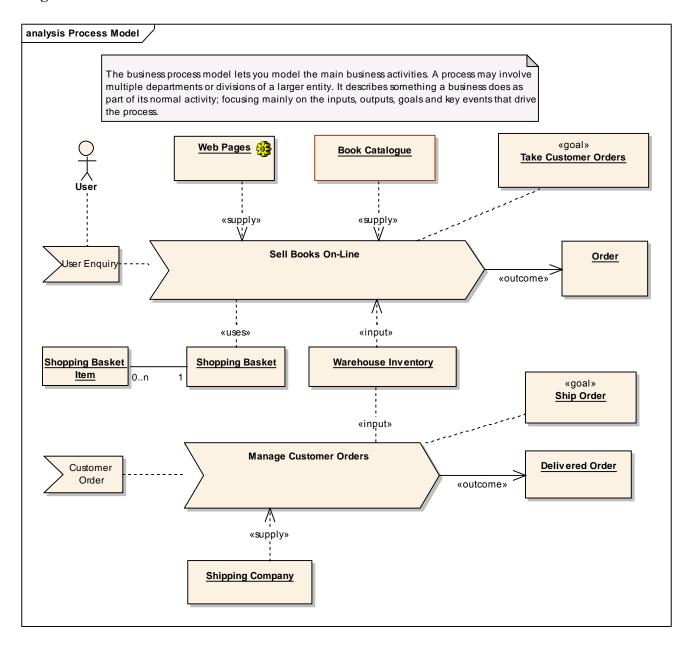


Diagram: Requirements Model

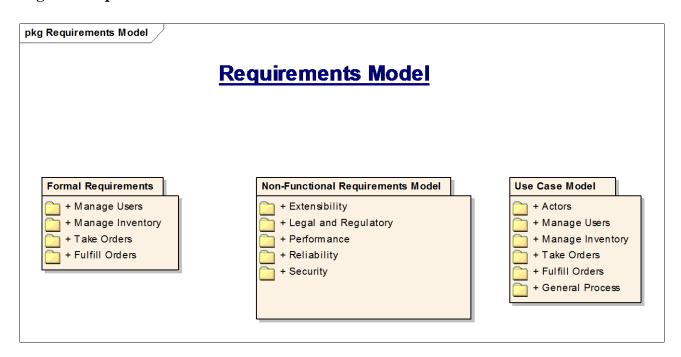


Diagram: Formal Requirements

pkg Formal Requirements **Formal Requirements**

Enterprise Architect allows you to document requirements graphically using the Requirement element. The Requirement element is available from the 'Requirements' Toolbox folder.

Using a Requirement element in the UML model, allows relationships to be drawn between requirements. It also allows for direct traceability to other aspects of the model such as Use Cases, Test Cases and other Analysis or Design elements.

The requirement element can be used to model or document any requirements, ranging from formal business requirements through to performance or security requirements.

+ REQ033 - Retrieve Books

Double-click on the package elements below to view the diagrams for these packages.

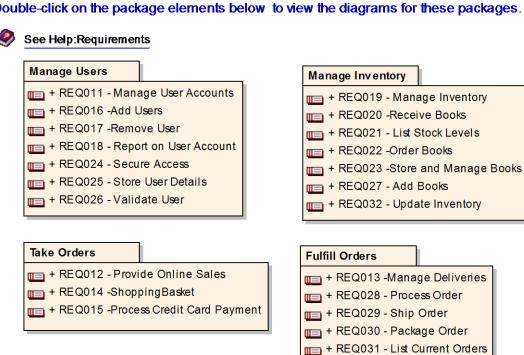


Diagram: Manage Users

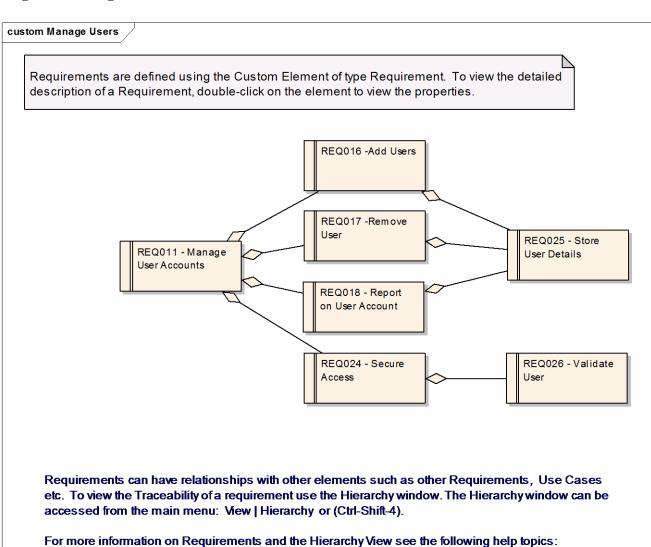






Diagram: Manage Inventory

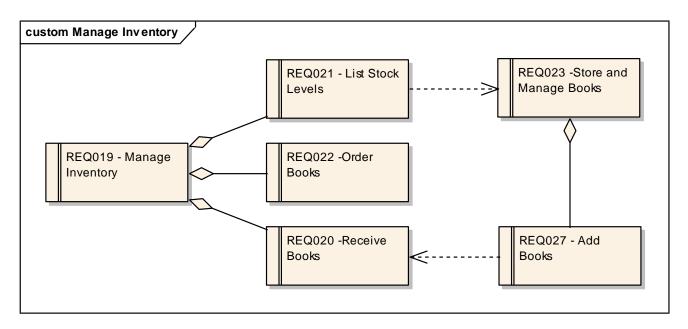


Diagram: Take Orders

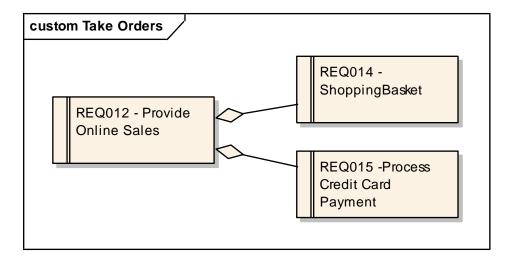


Diagram: Fulfill orders

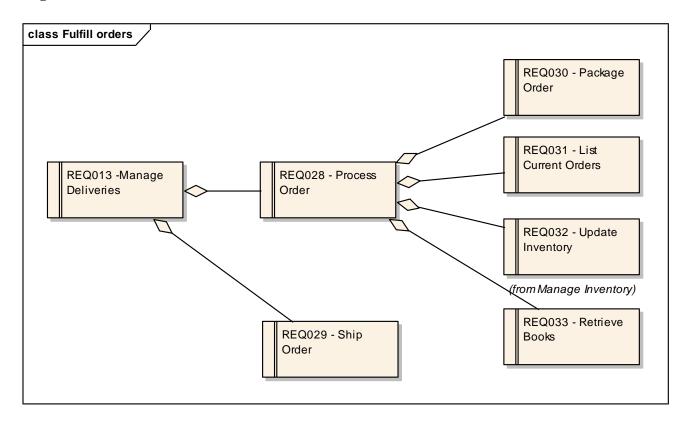


Diagram: Use Case Model

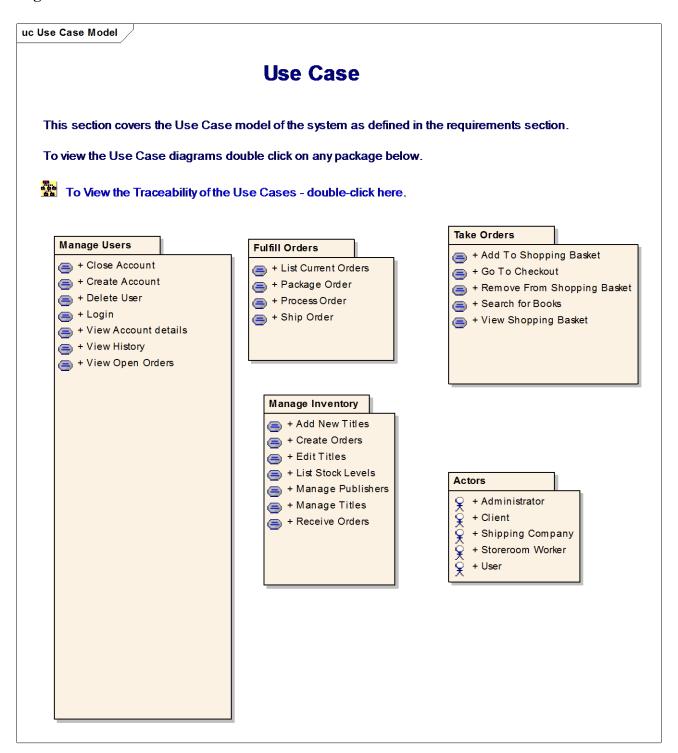


Diagram: Actors

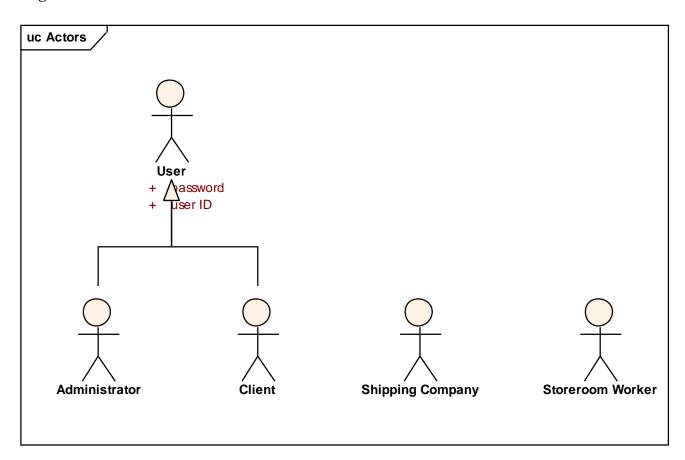


Diagram: Actors - Images

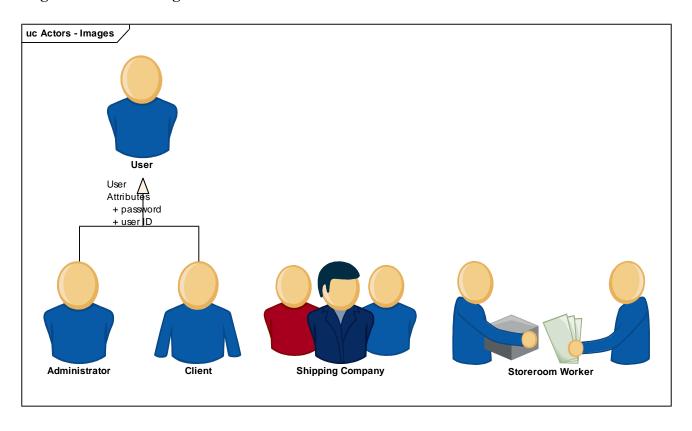


Diagram: Close Account

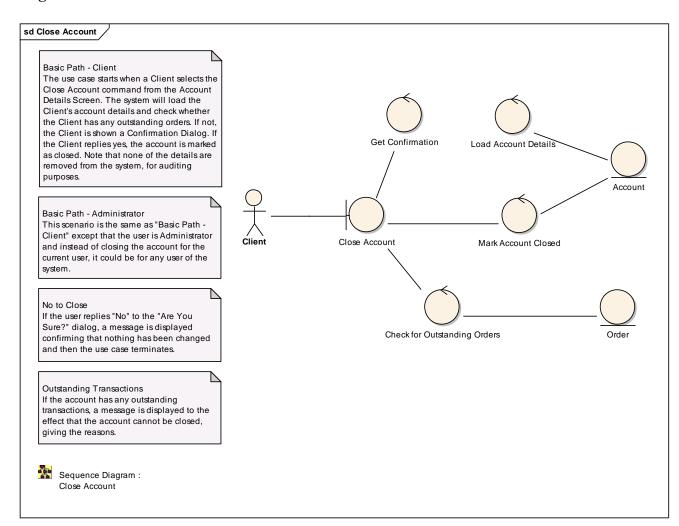


Diagram: Close Account

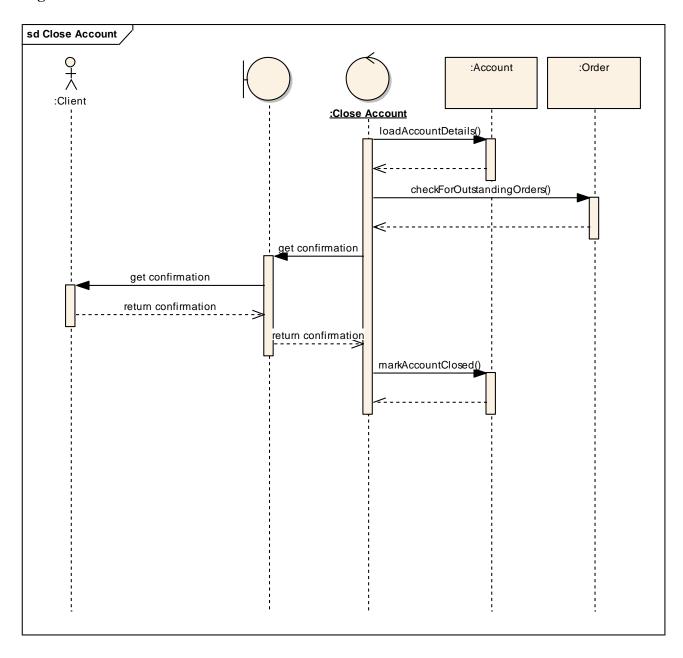


Diagram: Create Account

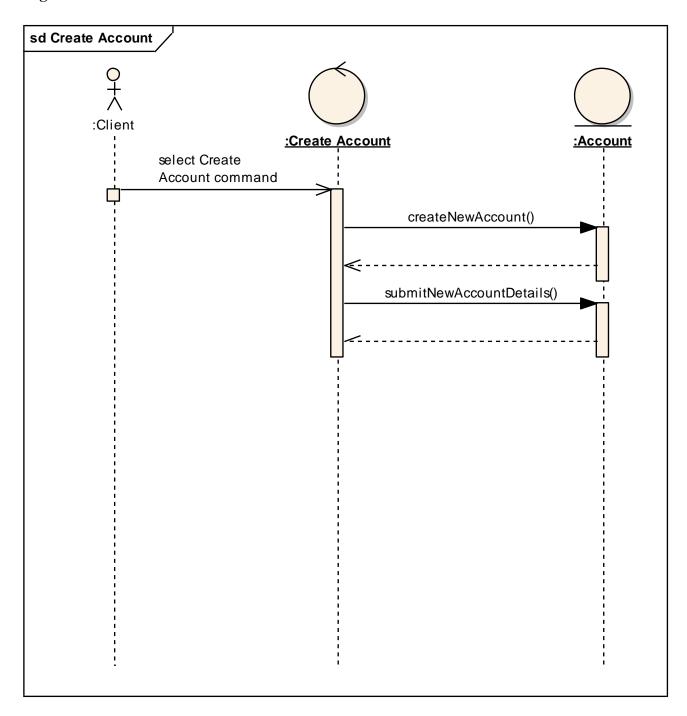


Diagram: Create Account

analysis Create Account Basic Path 1. Use case begins when the Client selects the "Create Account" command. 2. The Client enters name, address, e-mail address, password and password confirmation. 3. Client presses Submit button. 4. Submitted details are validated. 5. Processing message is displayed to the Submit New Account Details Client. 6. New account is created in the database. 7. Success message is displayed to Client. No Submit The Client may press the Exit or Back Create Account button at step 3. The use case terminates with no action performed. Validation fails At step 4, if validation fails then an error Account Create New Account message is displayed and the Client is returned to step 2 with the invalid field or fields highlighted. Cannot Create New Account In step 6, if the database create fails, the Client is informed and the use case terminates. Sequence Diagram : Create Account

Diagram: Delete User

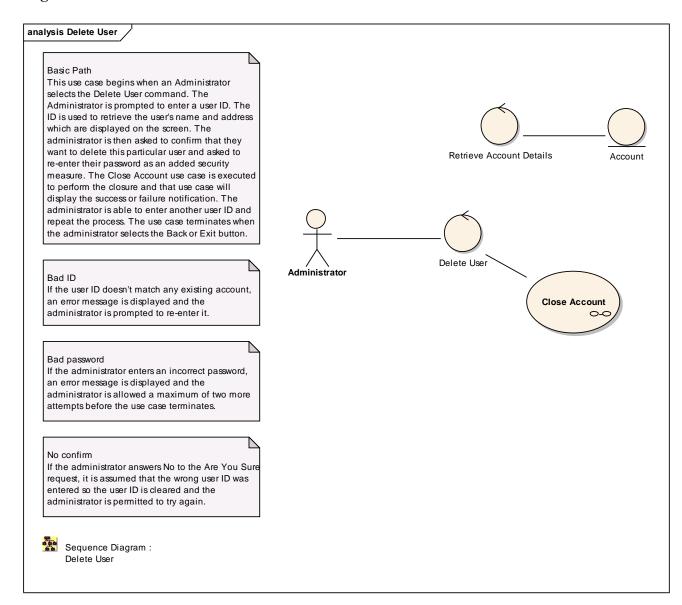


Diagram: Delete User

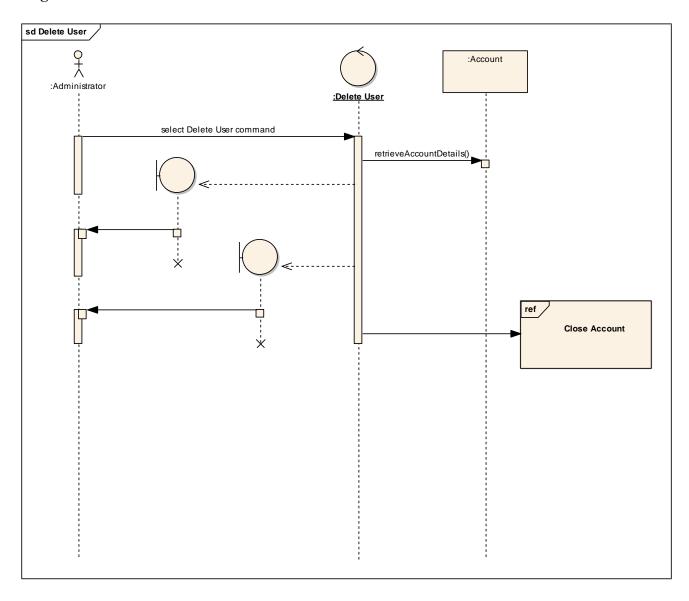


Diagram: Login

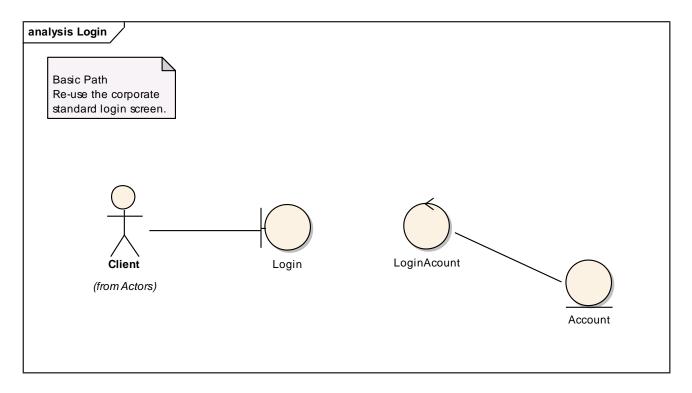


Diagram: Login

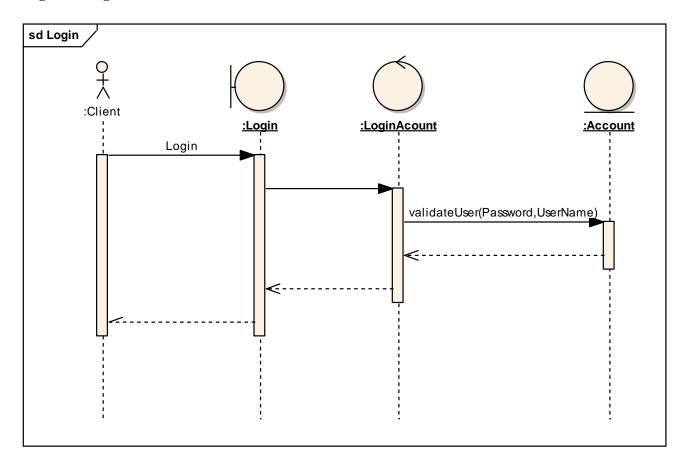


Diagram: Manage Users

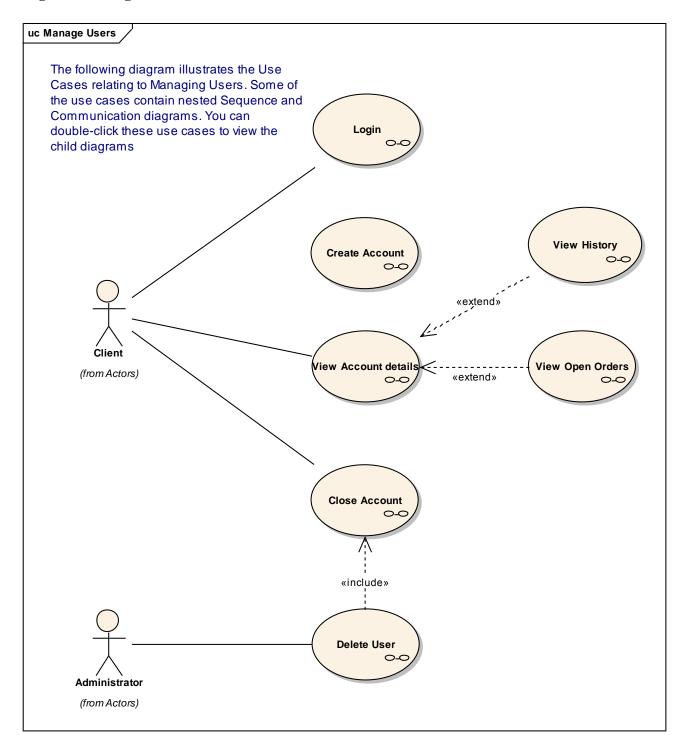


Diagram: View Account details

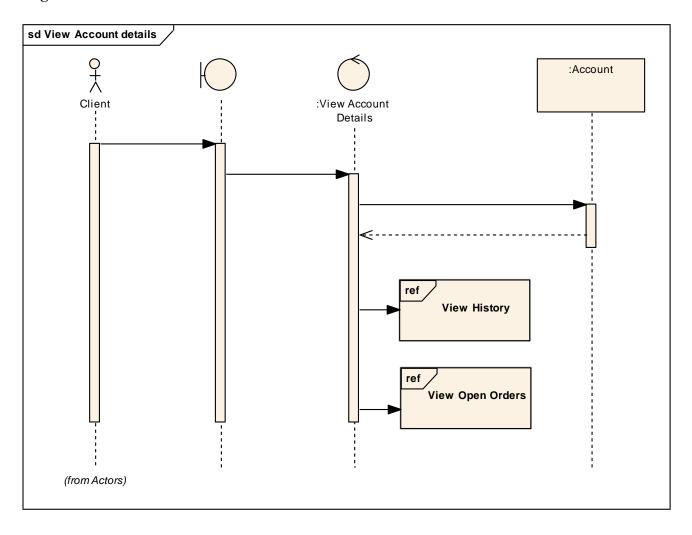


Diagram: View Account details

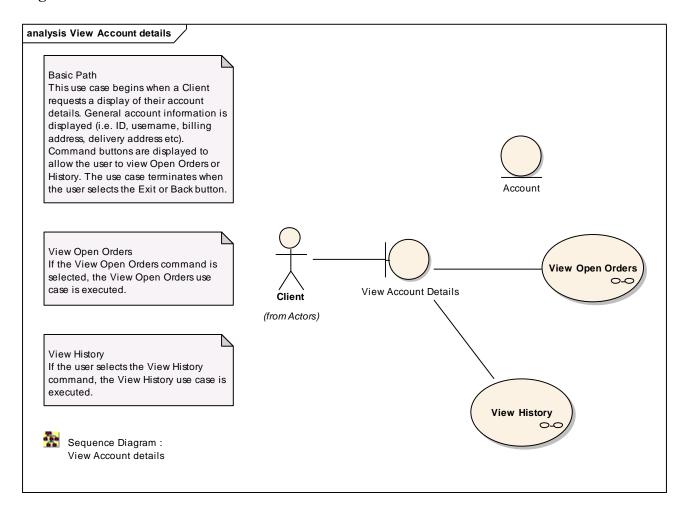


Diagram: View History

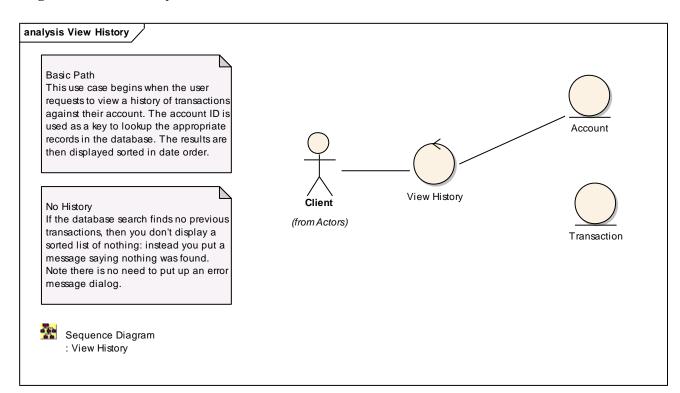


Diagram: View History

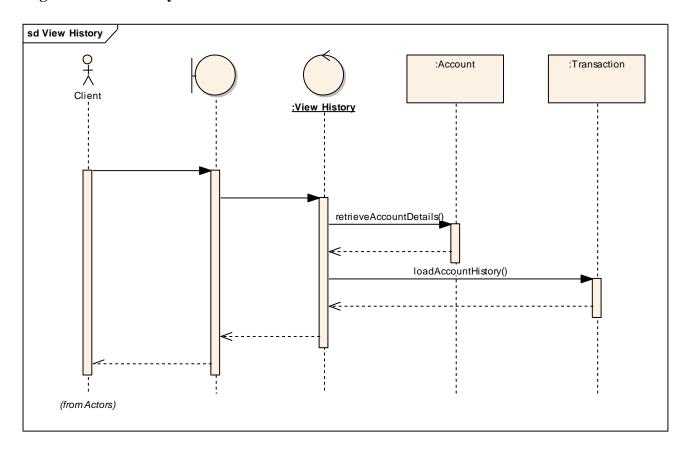


Diagram: View Open Orders

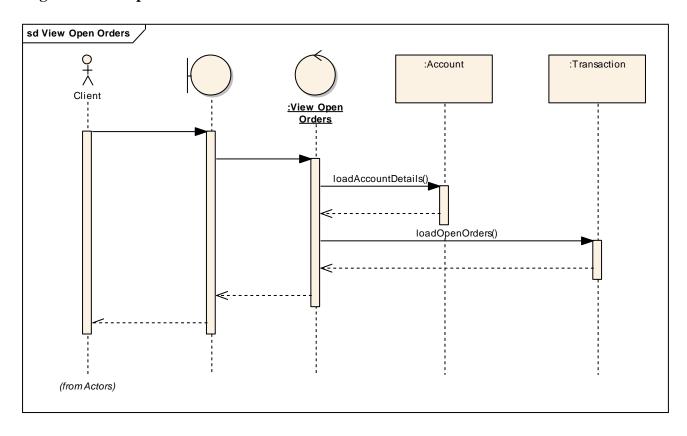


Diagram: View Open Orders

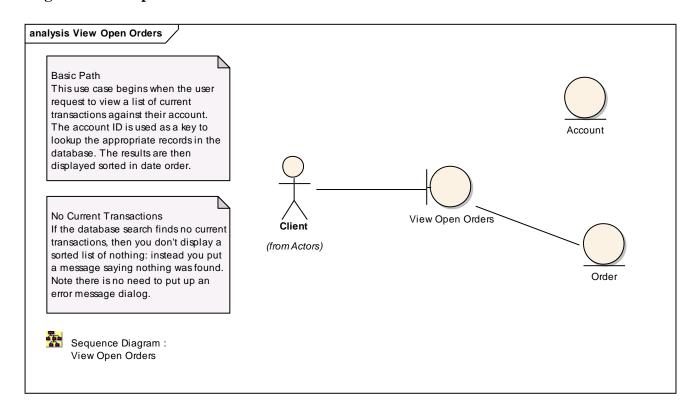


Diagram: Create Orders

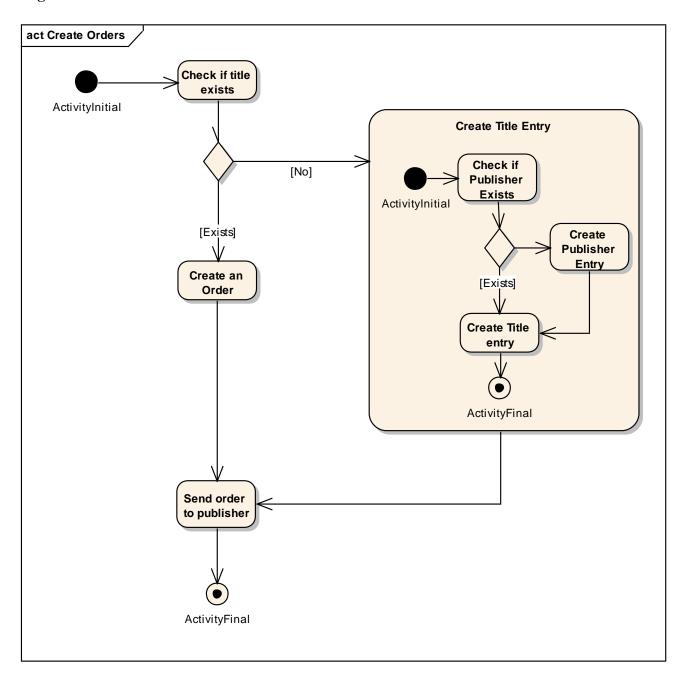


Diagram: Manage Inventory

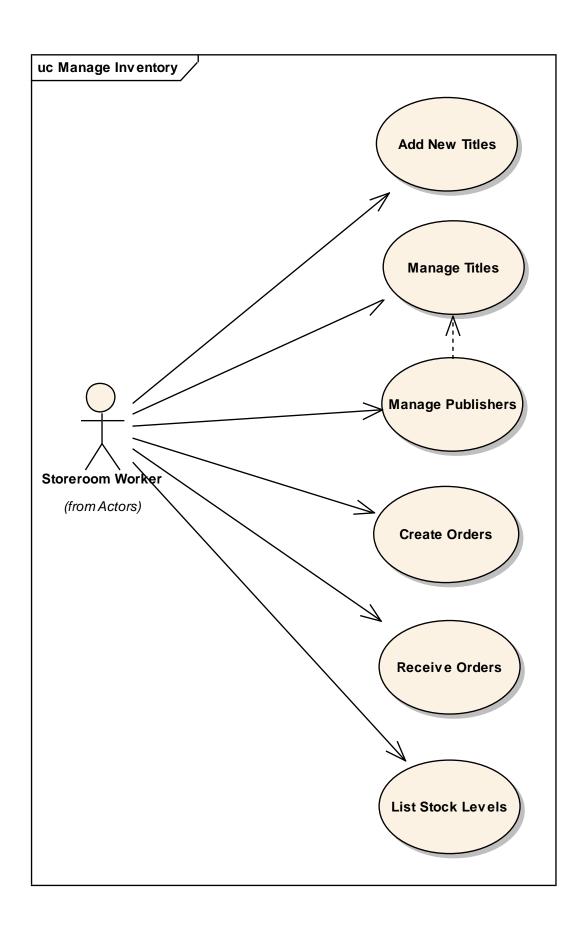


Diagram: Manage Titles State

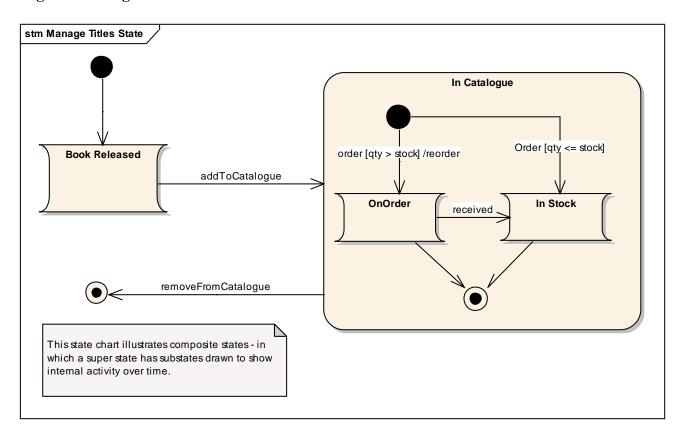


Diagram: Add To Shopping Cart

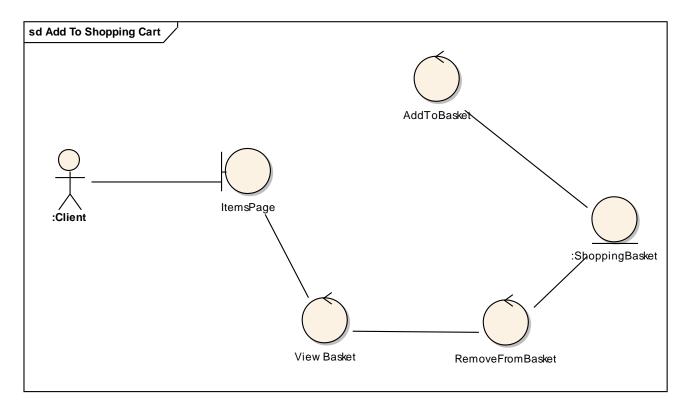


Diagram: Add To Shopping Cart

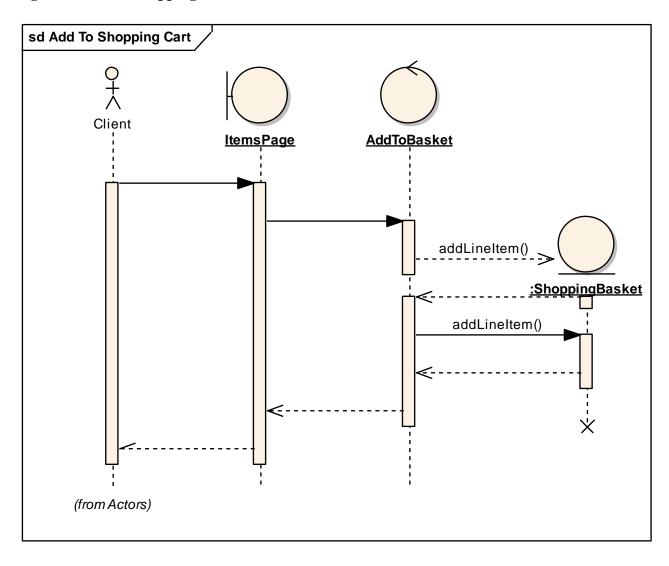


Diagram: Sell Books

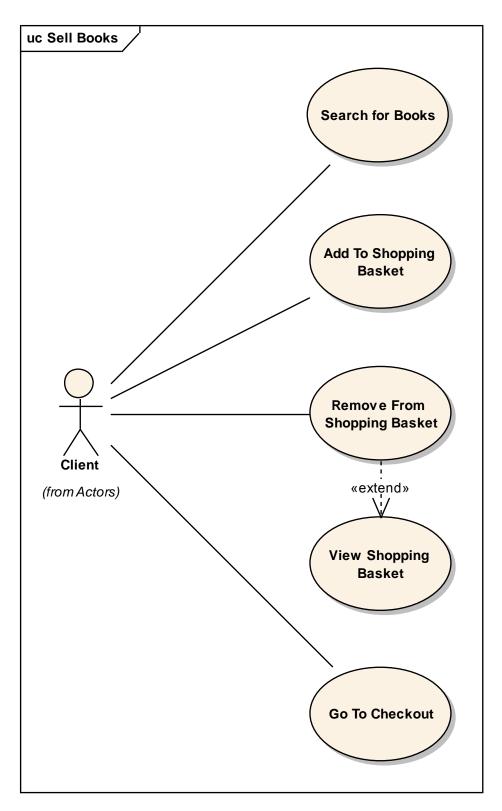


Diagram: Credit Card Problem

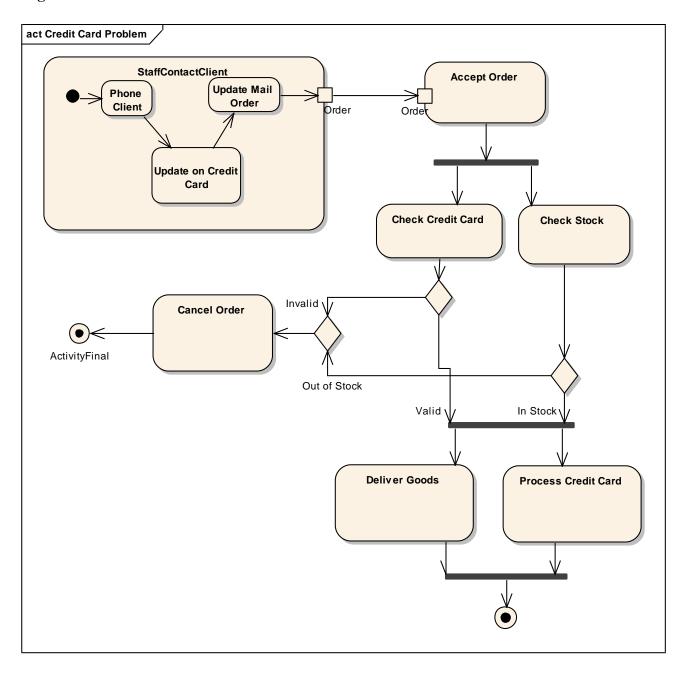


Diagram: Deliver Books

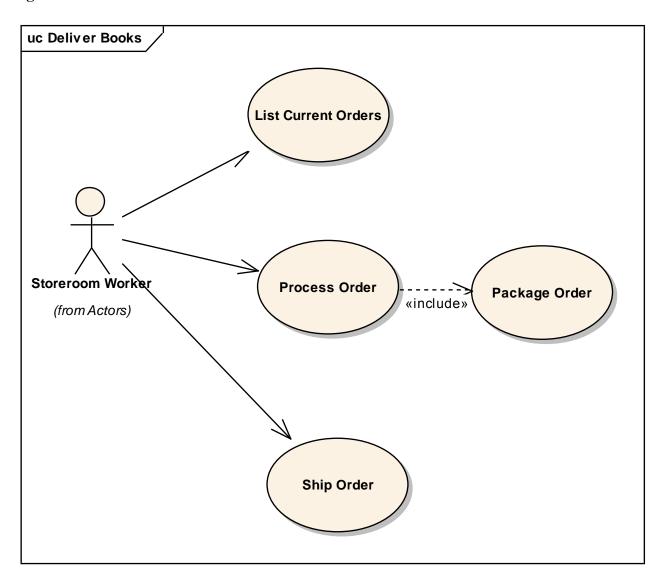


Diagram: Invoice Payment

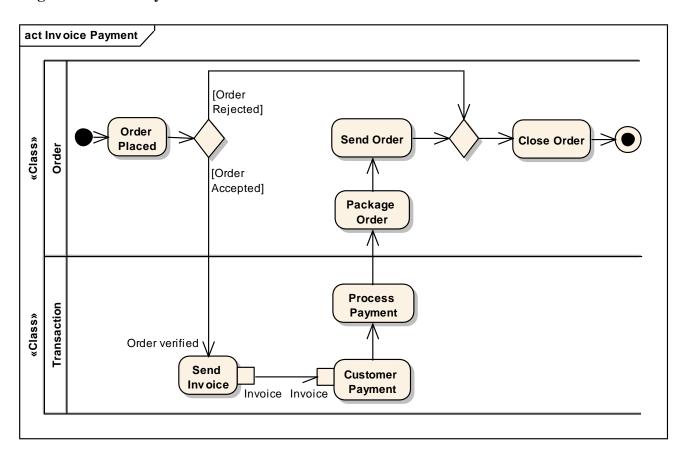


Diagram: Customer Process

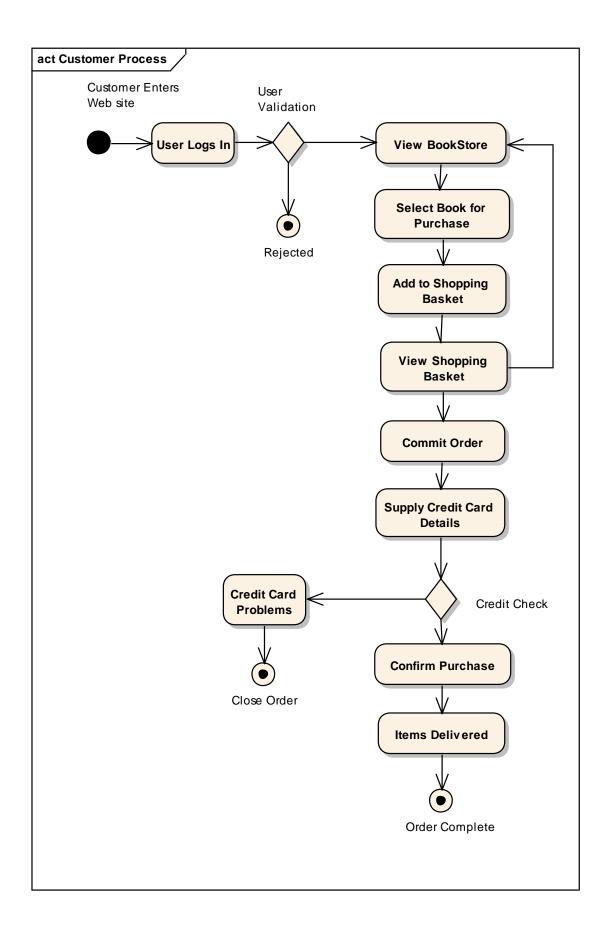


Diagram: InteruptibleActivityRegion

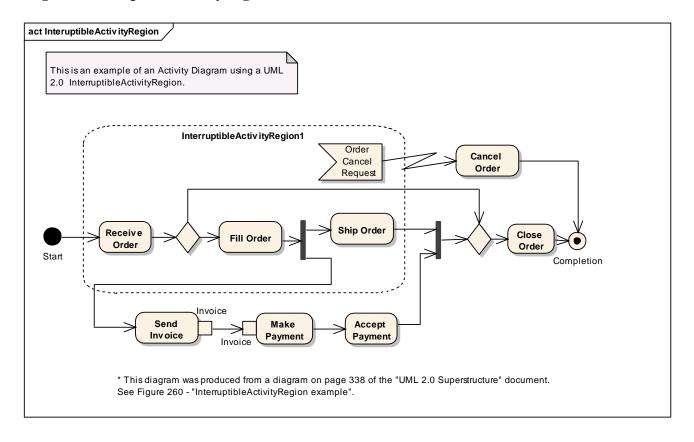


Diagram: Manage Inventory

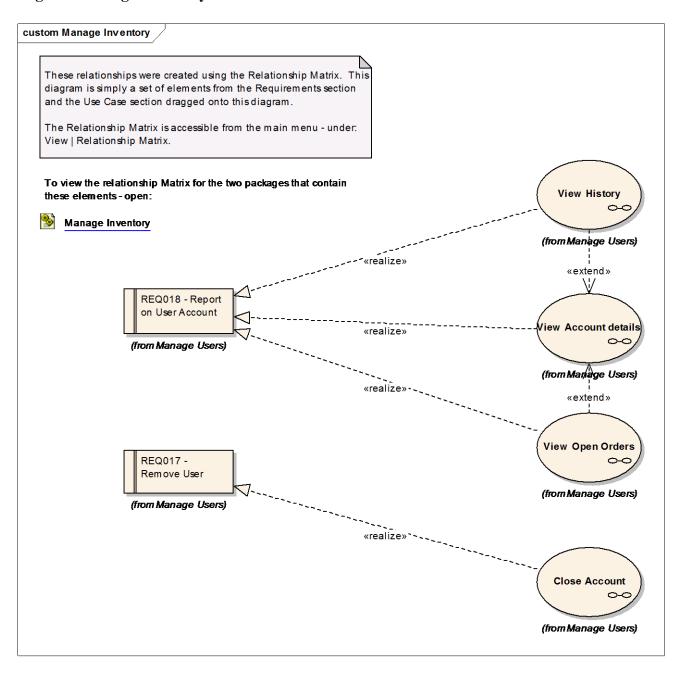


Diagram: ManageUsers

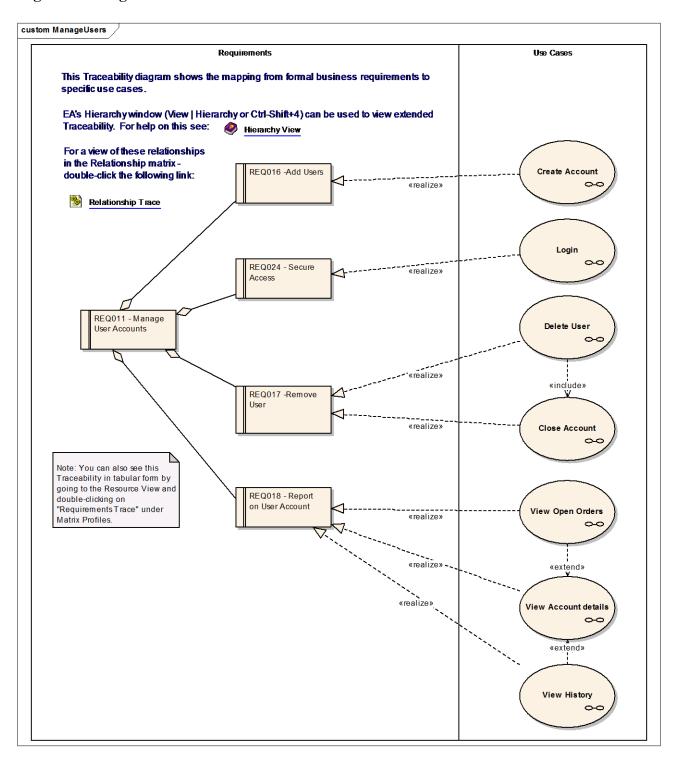


Diagram: Non-Functional Requirements Model

g Non-Functional Requirements Model
The Non-Functional requirements are used to state the set of general requirements that are more defined on the business level rather than the functional level. Bellow are some examples of these.
Extensibility
+ REQ100 - System must be easily extendible
+ REQ101 - Other product types options can be added easily.
+ REQ102 - System must be able to cope with regular retail sales
Legal and Regulatory
+ REQ103 - Orders and dispatch information must be kept for seven years.
+ REQ104 - Non storage of customer credit card details
Reliability
+ REQ112 - 2000 hours mean time between failure.
+ REQ113 - Must be recoverable quickly.
+ REQ114 - 99.999% accuracy.
+ REQ115- 99.999% precision.
Security
+ REQ108 - Processed information must be kept secure.
+ REQ109 - All transactions must be secure.
+ REQ110- Wherever possible existing security definitions should be used.
+ REQ111 - Physical storage locations should be secure.

Diagram: Extensibility Main

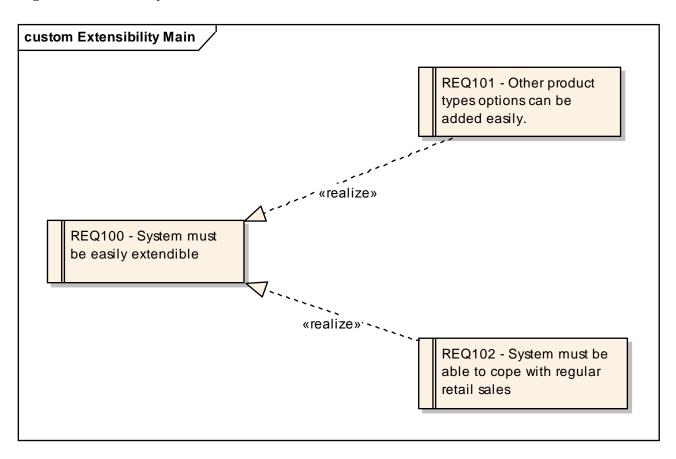


Diagram: Legal and Regulatory

REQ103 - Orders and dispatch information must be kept for seven years. REQ104 - Non storage of customer credit card details

Diagram: Performance Main

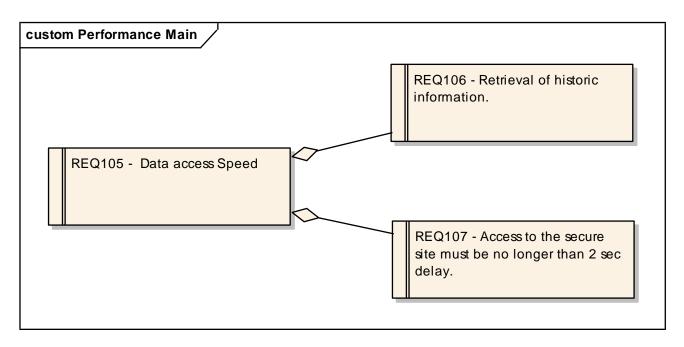


Diagram: Reliability Main

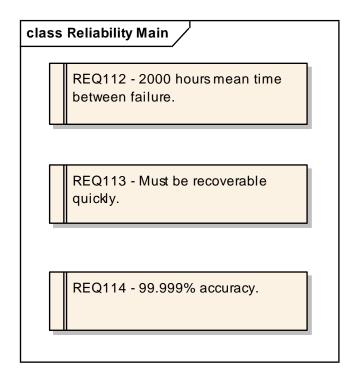


Diagram: Security Main

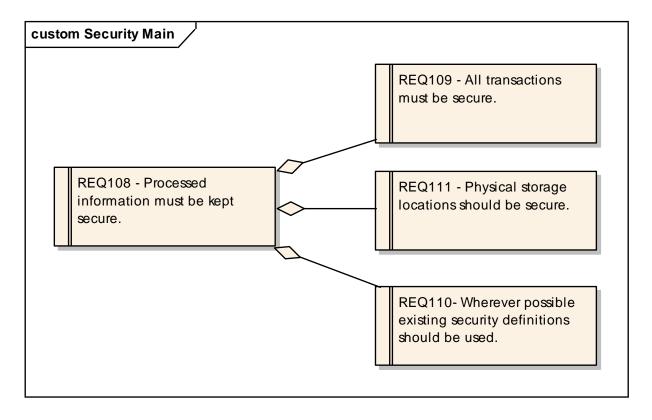


Diagram: System Model

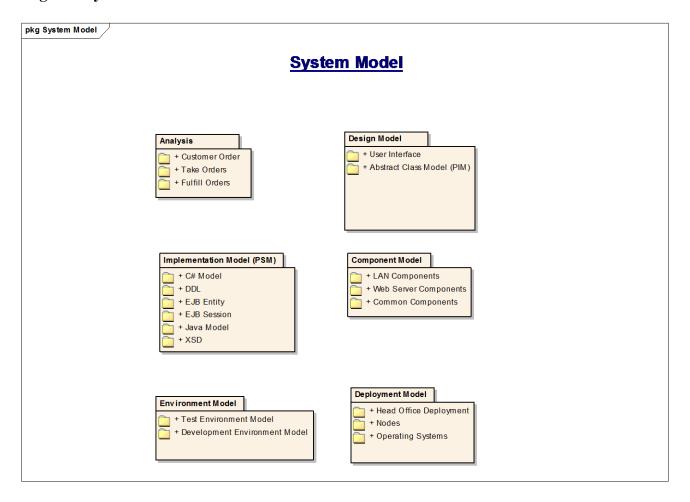


Diagram: Design Model

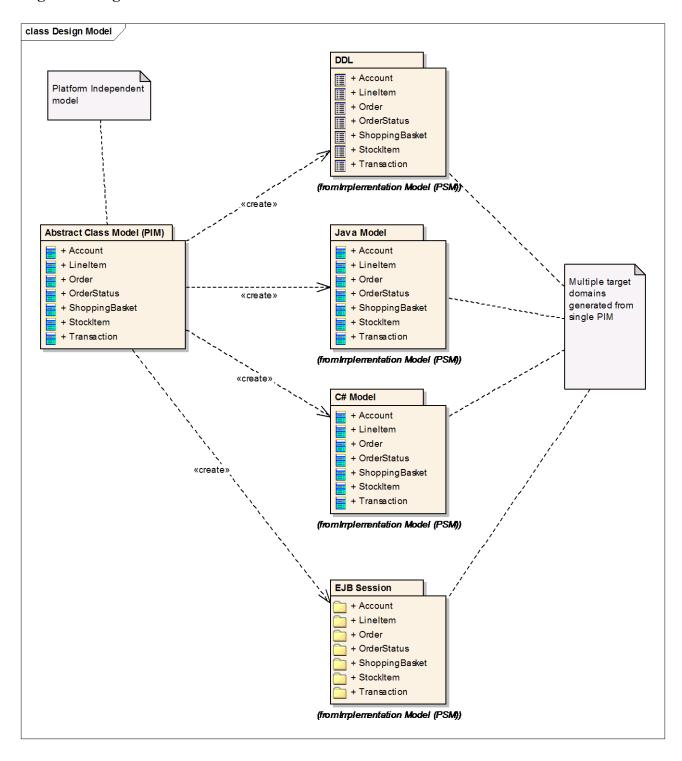


Diagram: Class Model

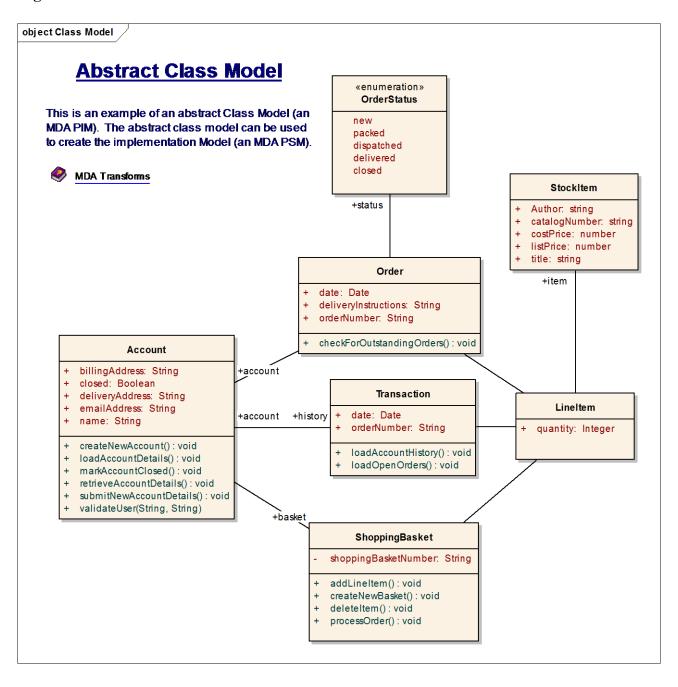


Diagram: User Interface

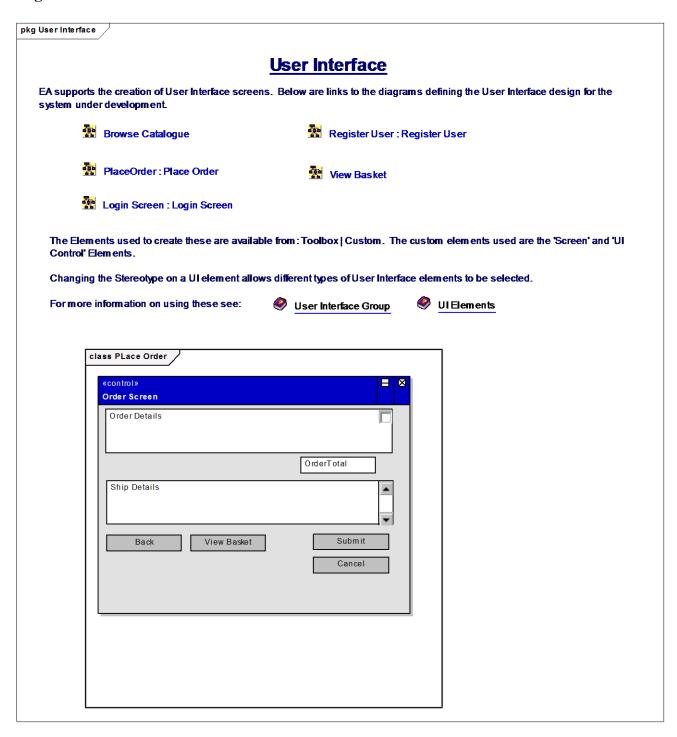


Diagram: User Management

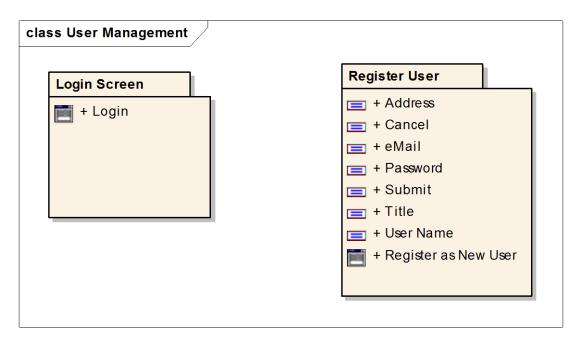


Diagram: Implementation

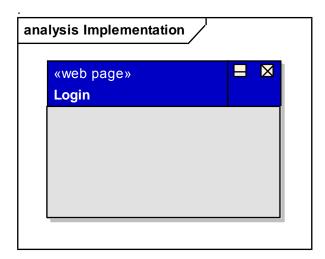


Diagram: Login Screen

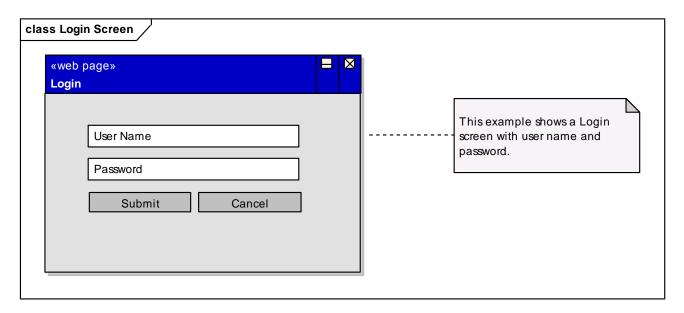


Diagram: Register User

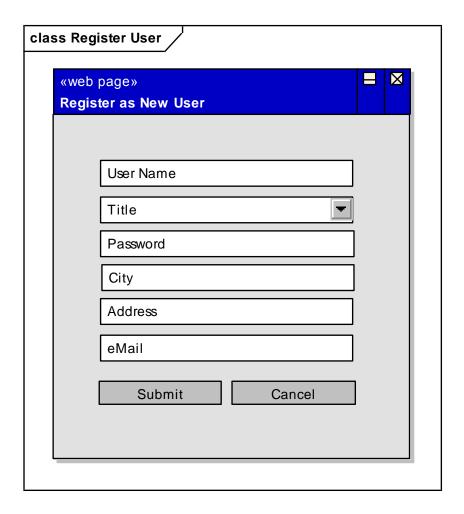


Diagram: Inventory

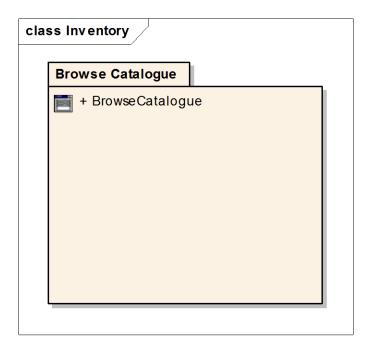


Diagram: Browse

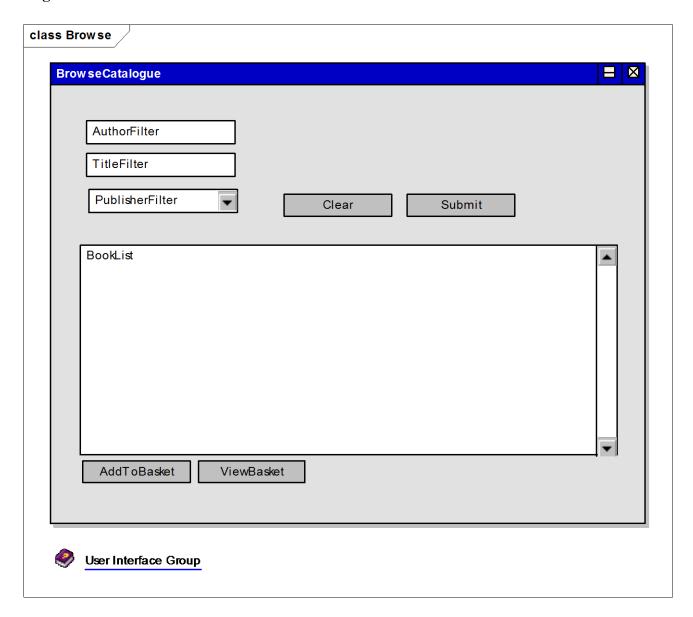


Diagram: Orders

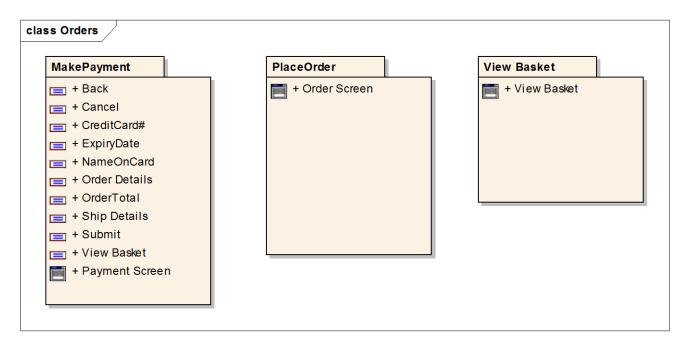


Diagram: Make Payment

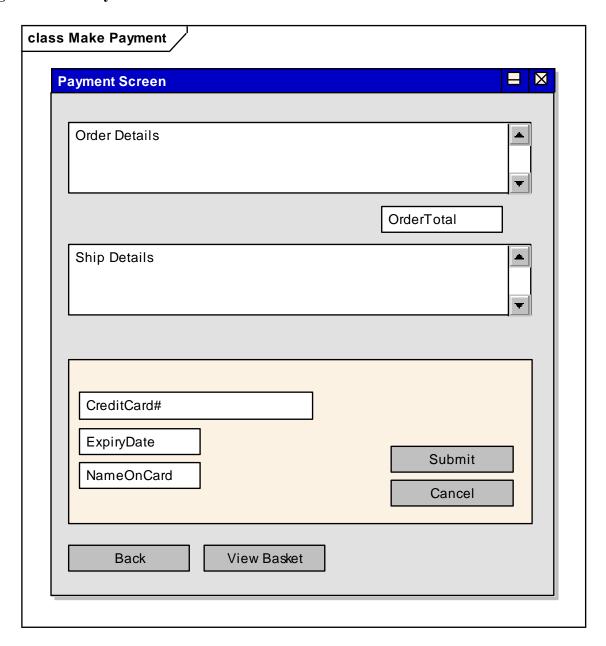


Diagram: PLace Order

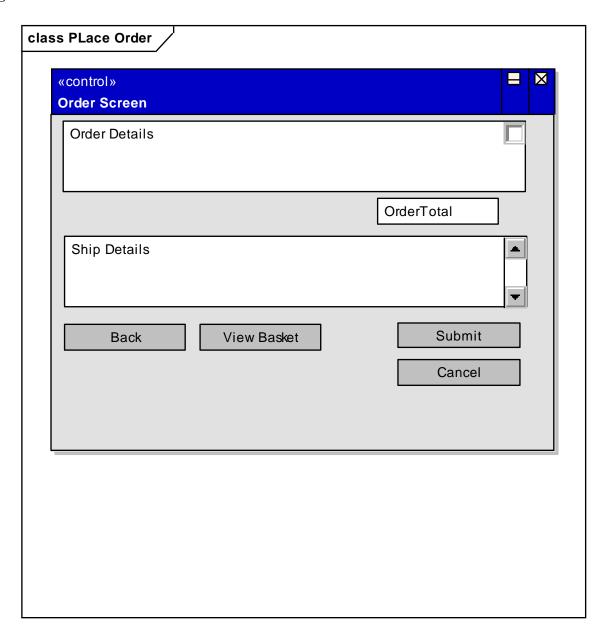


Diagram: View Cart

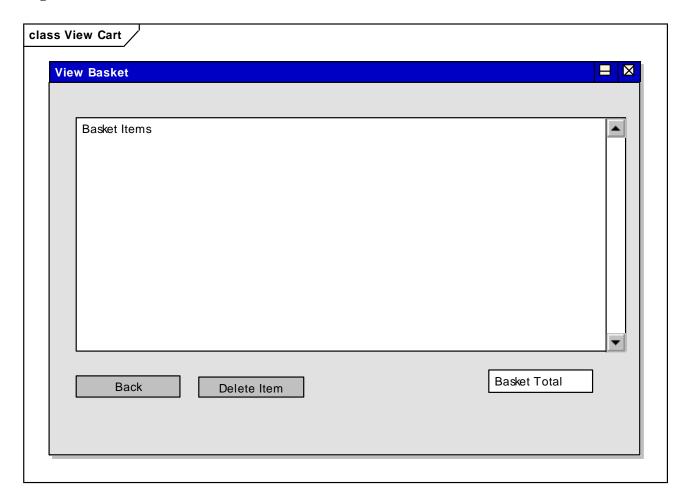


Diagram: Traceability

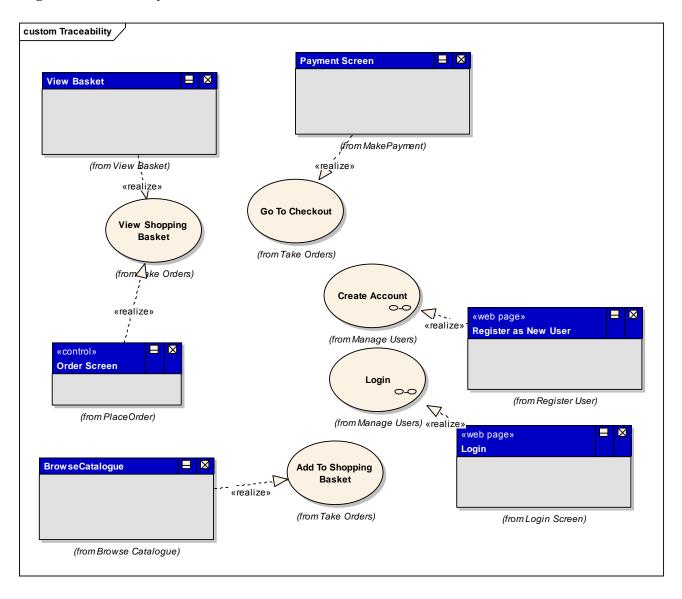


Diagram: Component Model

cmp Component Model

Diagram: SQL Server 2003

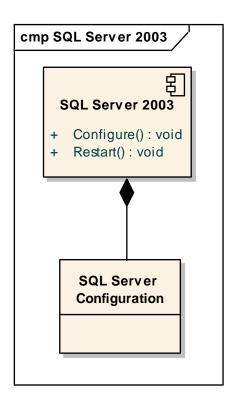


Diagram: Implementation

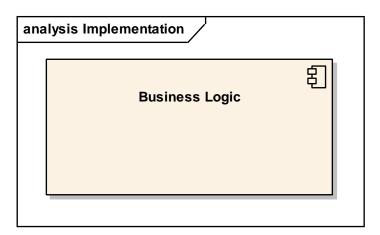


Diagram: Server Components

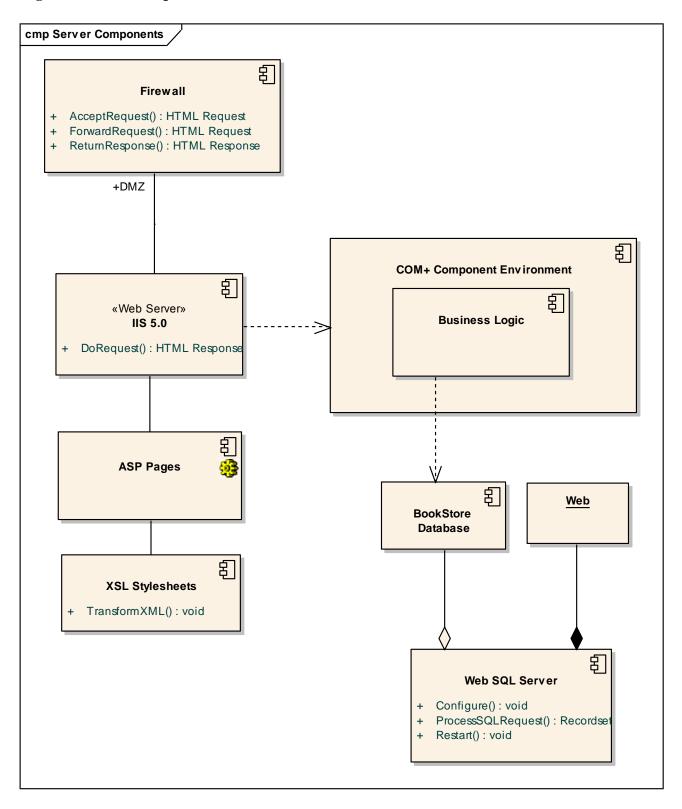


Diagram: LAN Components

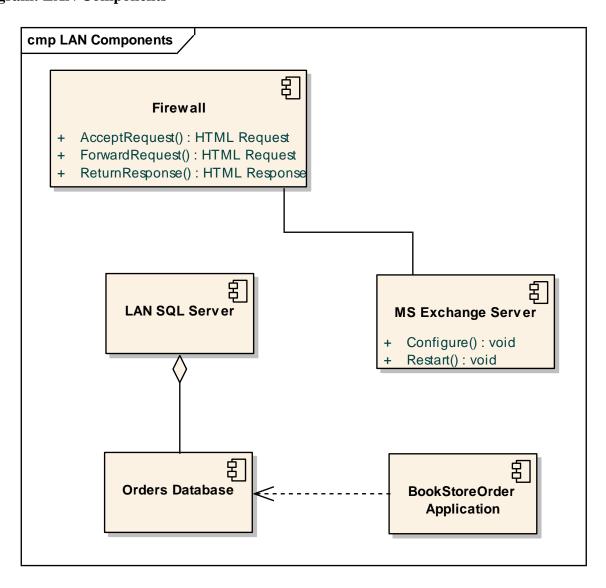


Diagram: Deployment Model

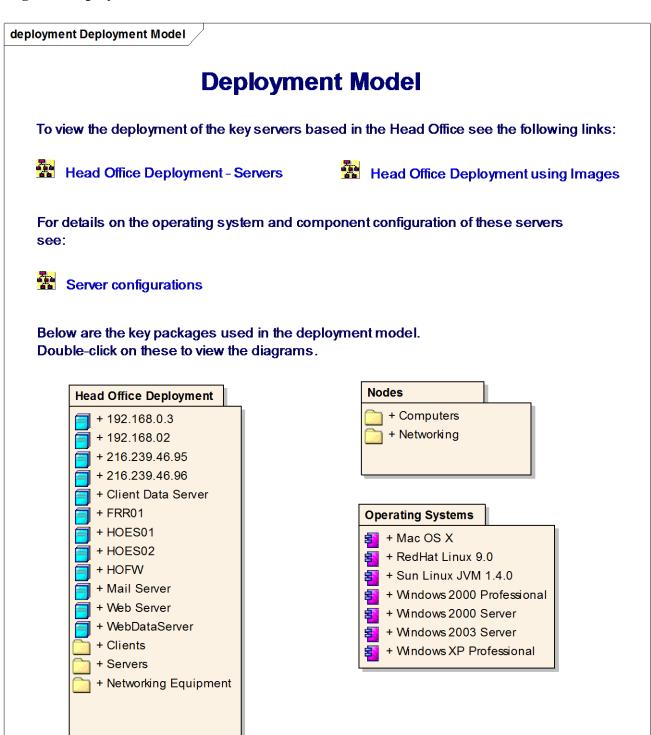


Diagram: HO Server Images

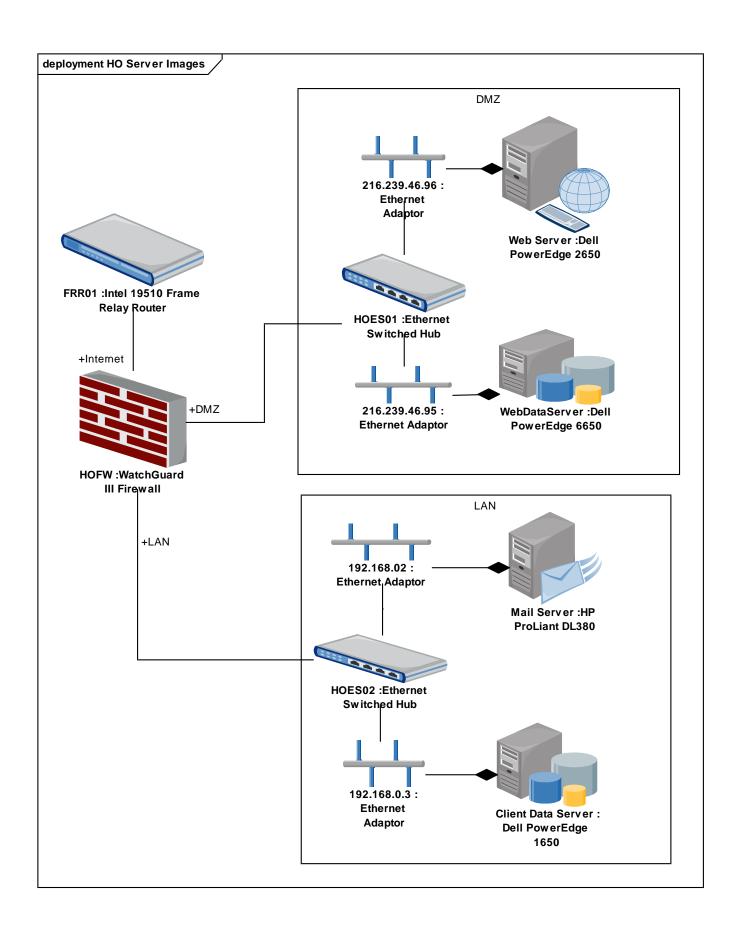


Diagram: HO Servers

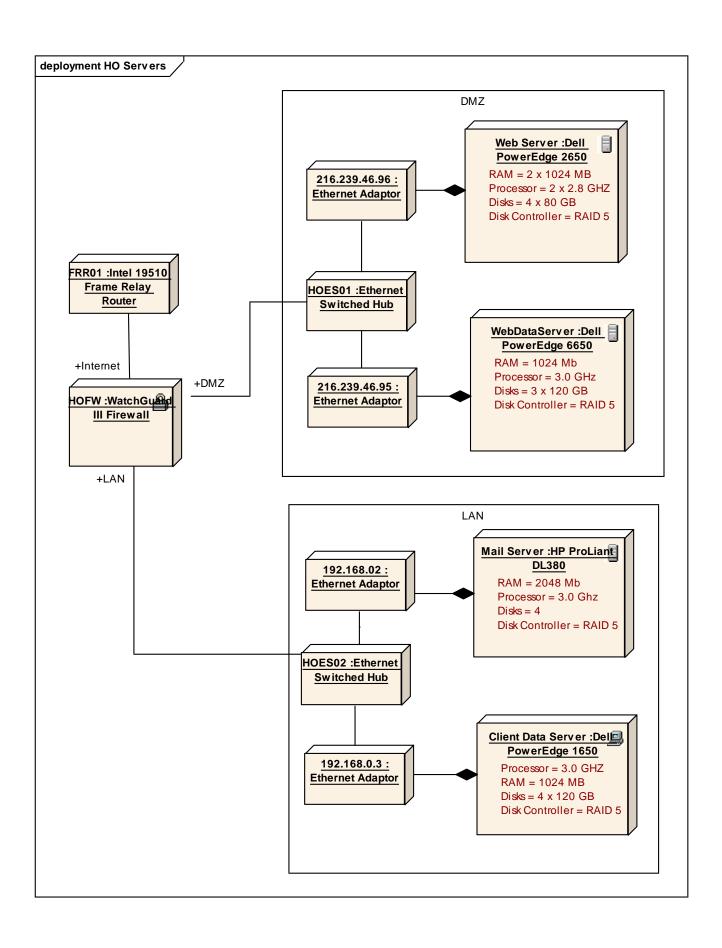


Diagram: Office Client 1

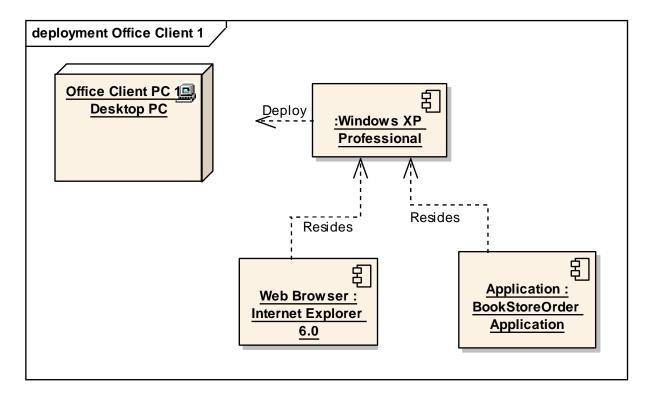


Diagram: Office Client 2

deployment Office Client 2		

Diagram: Servers

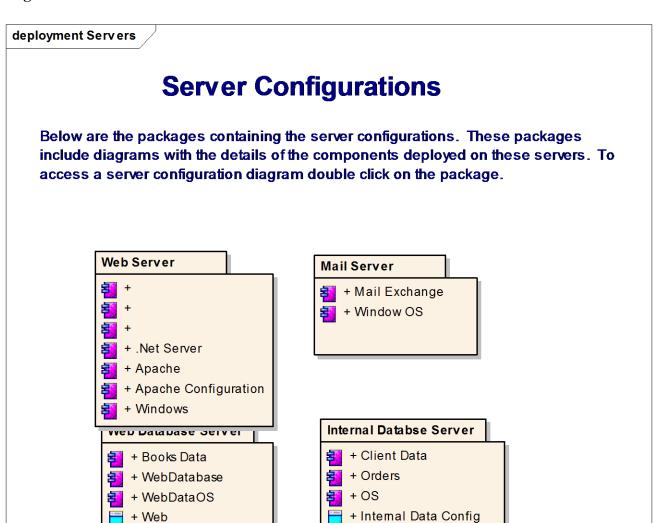


Diagram: Web Server

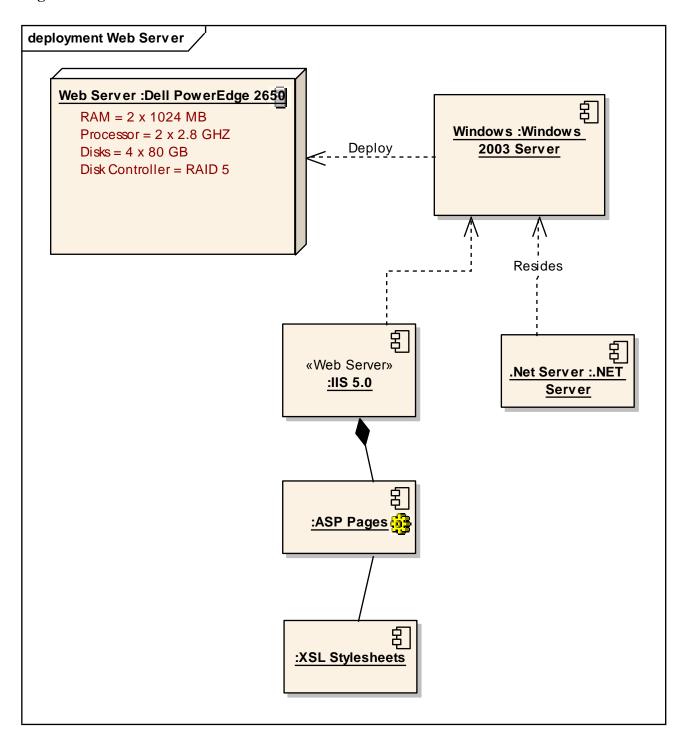


Diagram: Mail Server

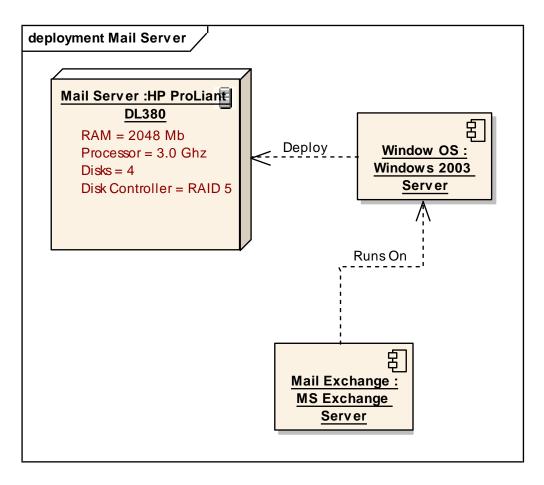


Diagram: Database Server

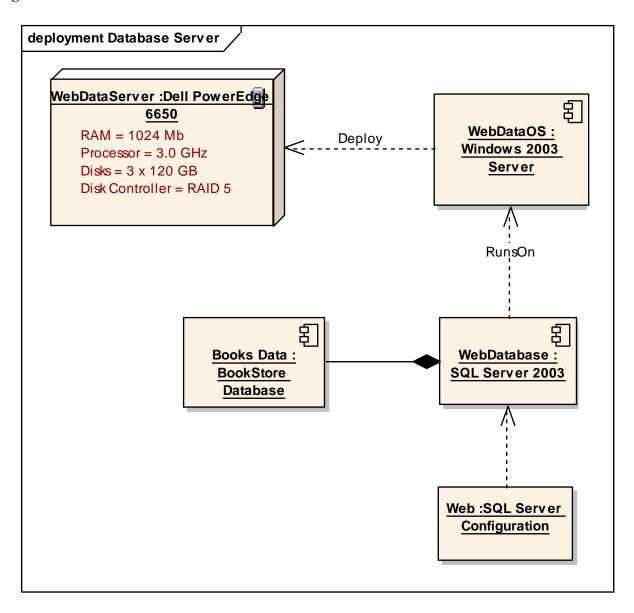


Diagram: Internal Database Server

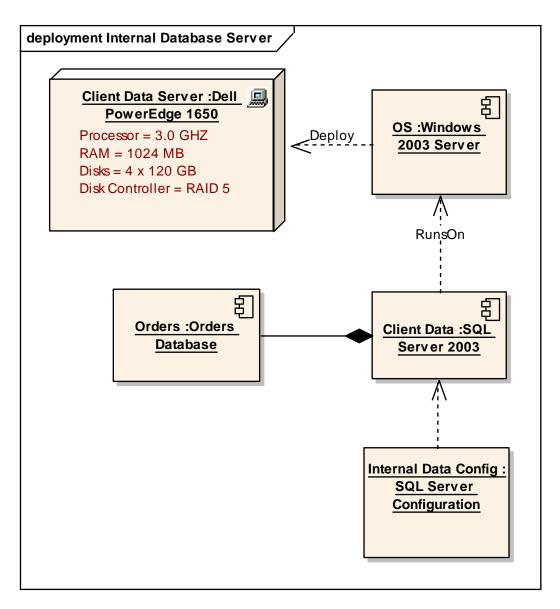


Diagram: Implementation Model (PSM)

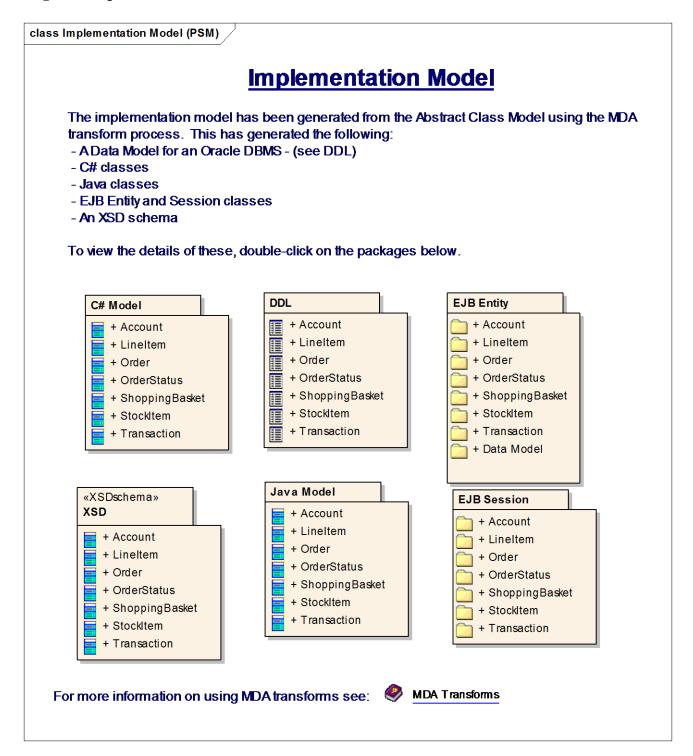


Diagram: C# Model

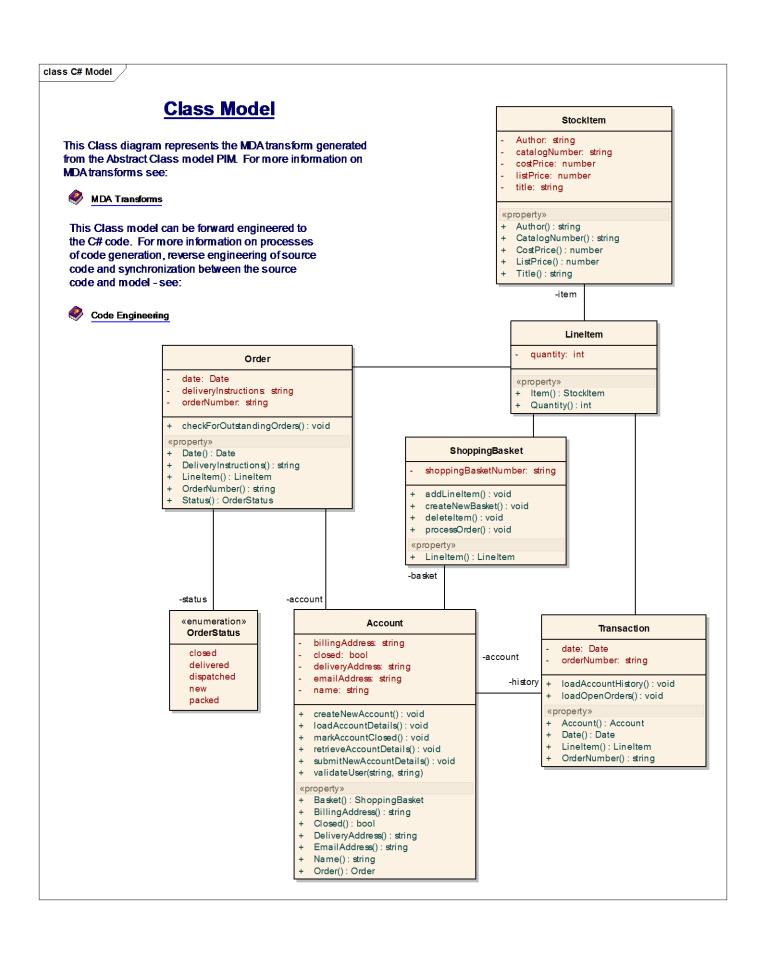


Diagram: C# Model - No Attributes

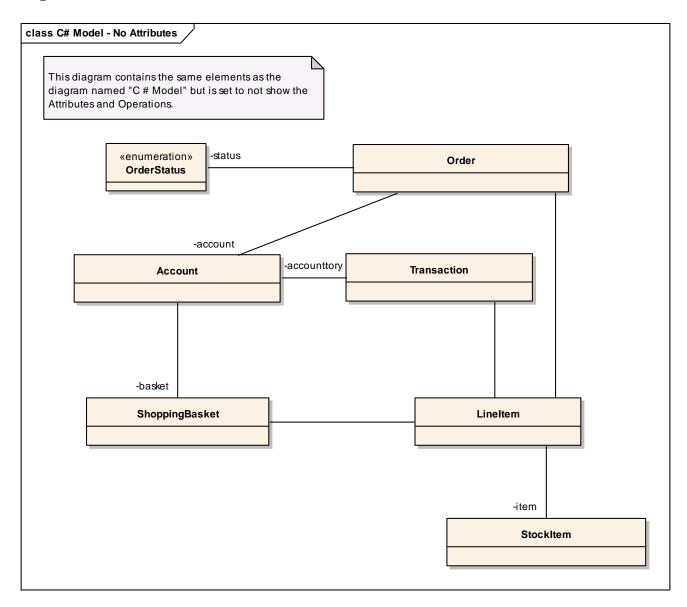


Diagram: DDL

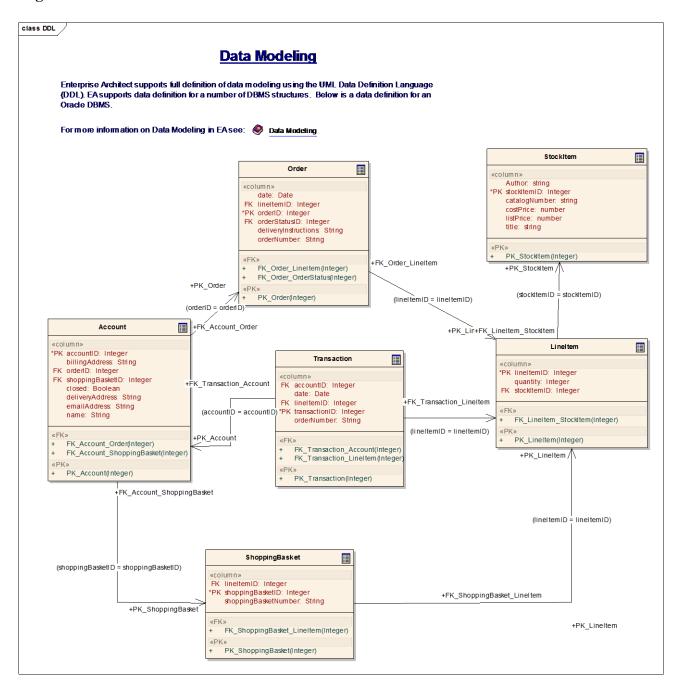


Diagram: EJB Entity

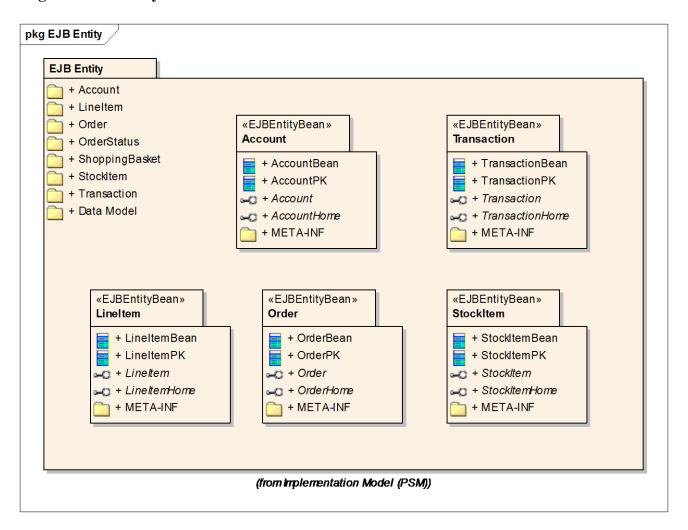


Diagram: Data Model

class Data Model	

Diagram: Account

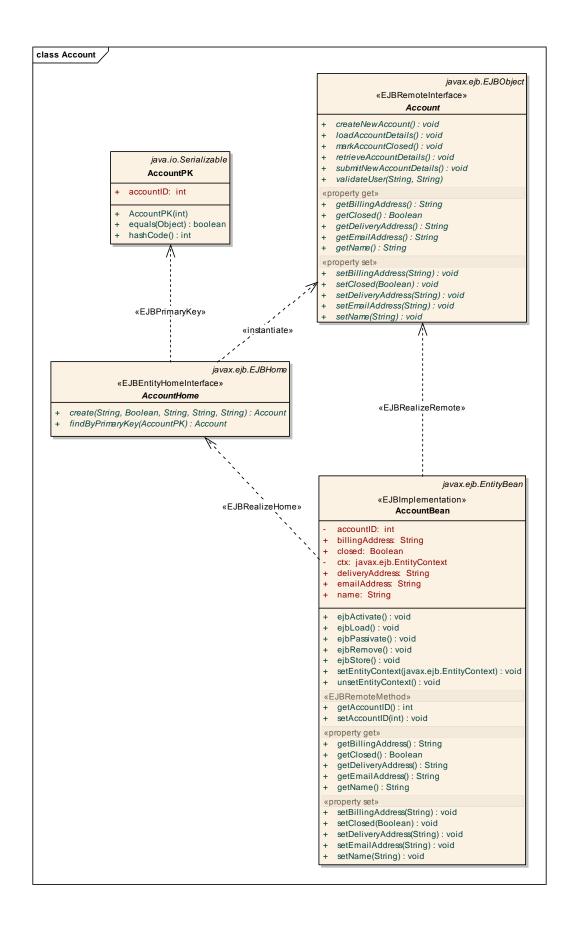


Diagram: META-INF

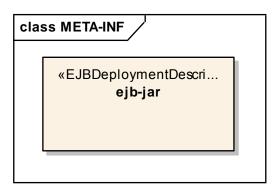


Diagram: LineItem

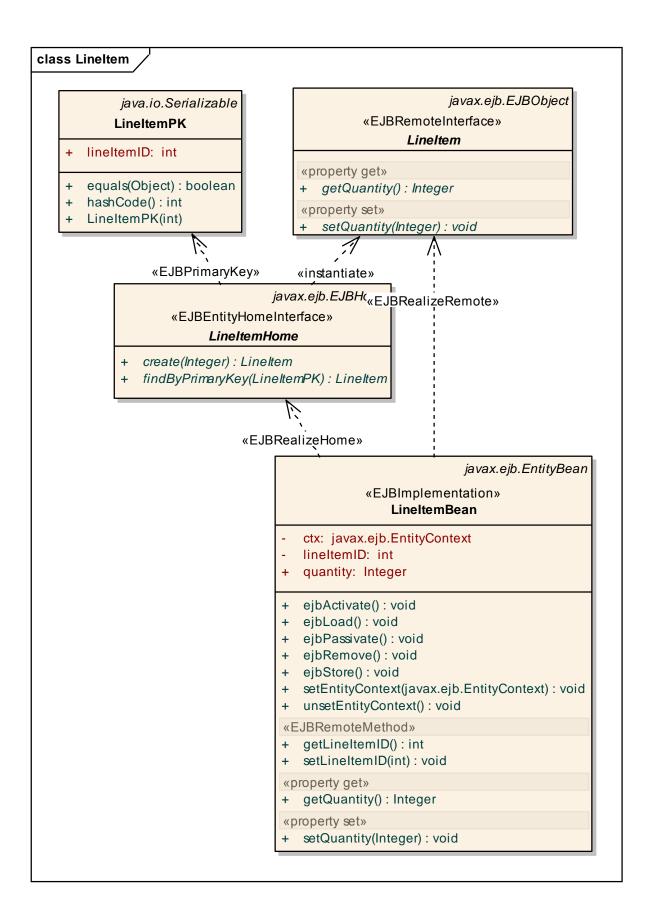


Diagram: META-INF

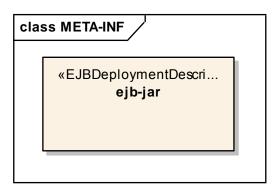


Diagram: Order

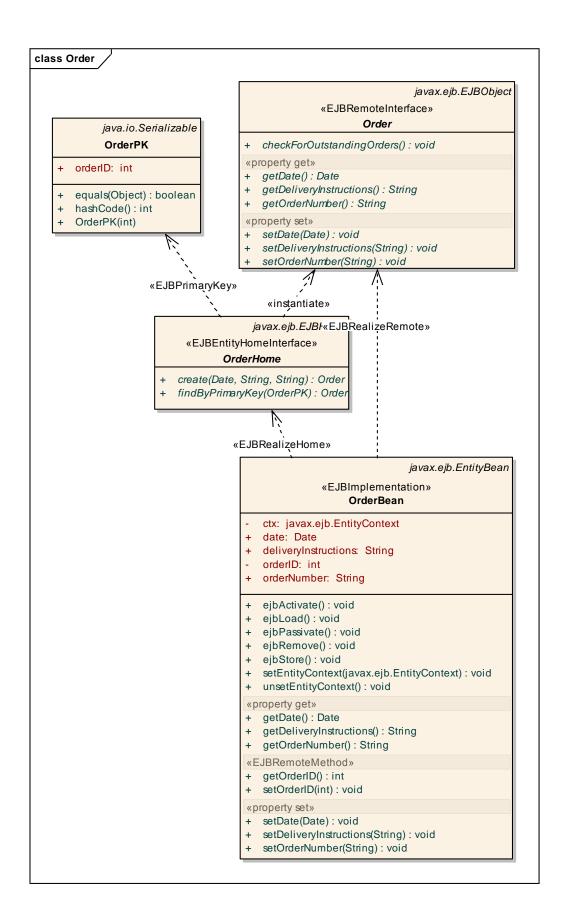


Diagram: META-INF

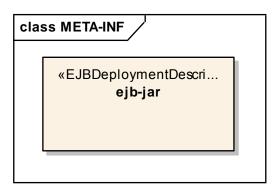


Diagram: StockItem

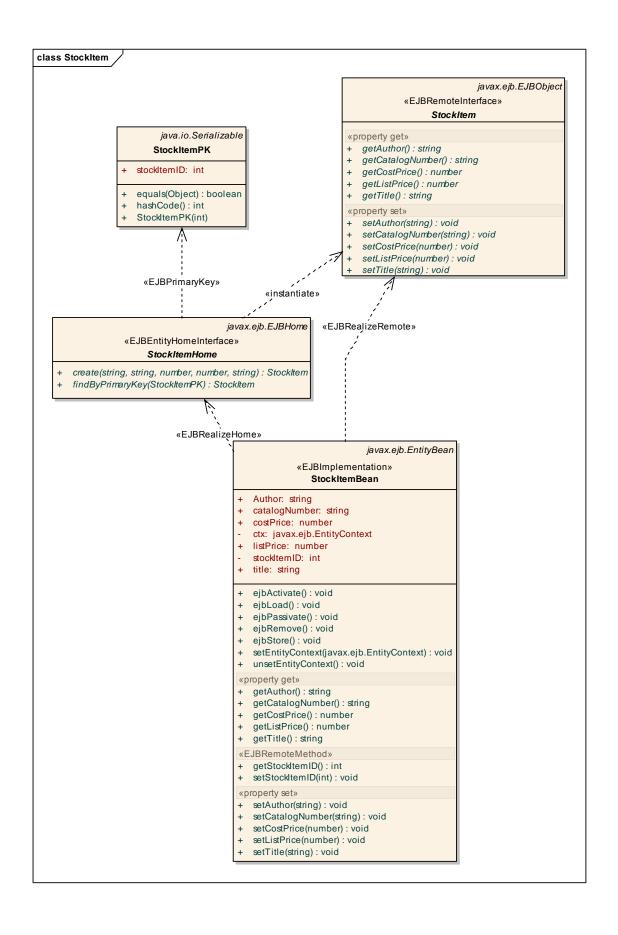


Diagram: META-INF

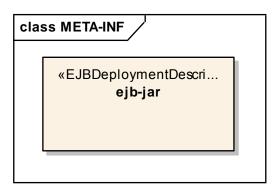


Diagram: Transaction

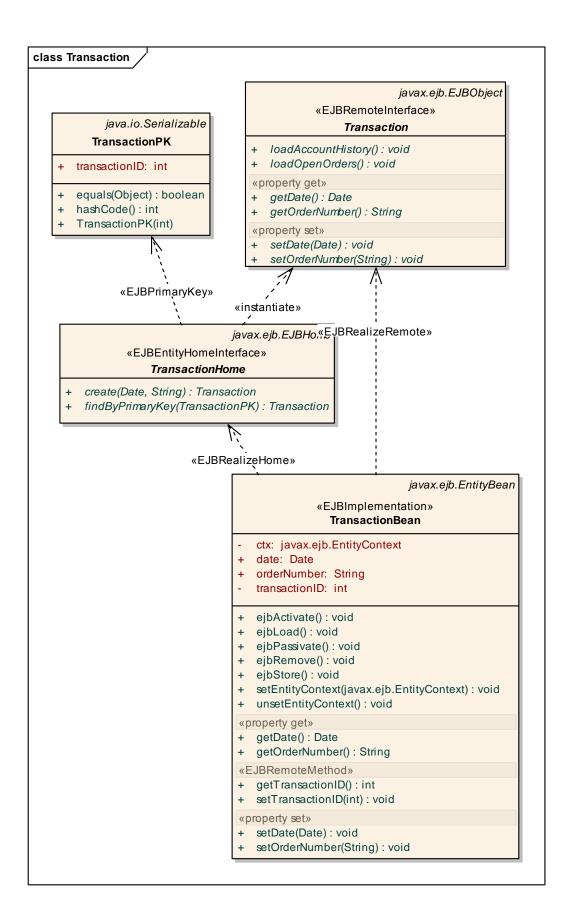


Diagram: META-INF

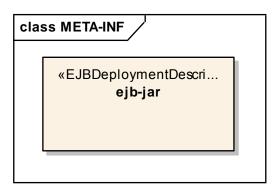
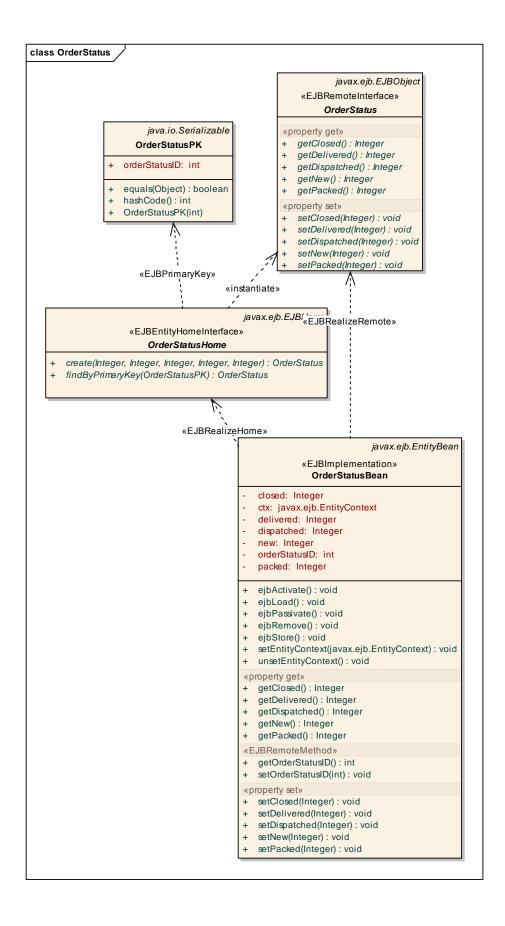


Diagram: OrderStatus



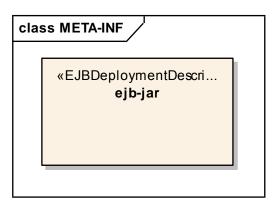
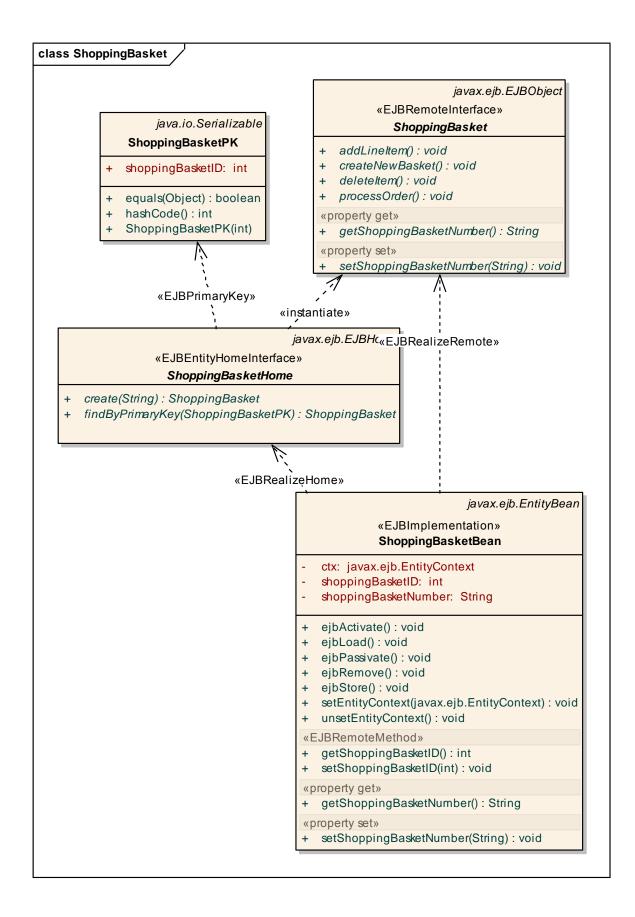


Diagram: ShoppingBasket



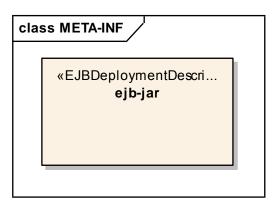
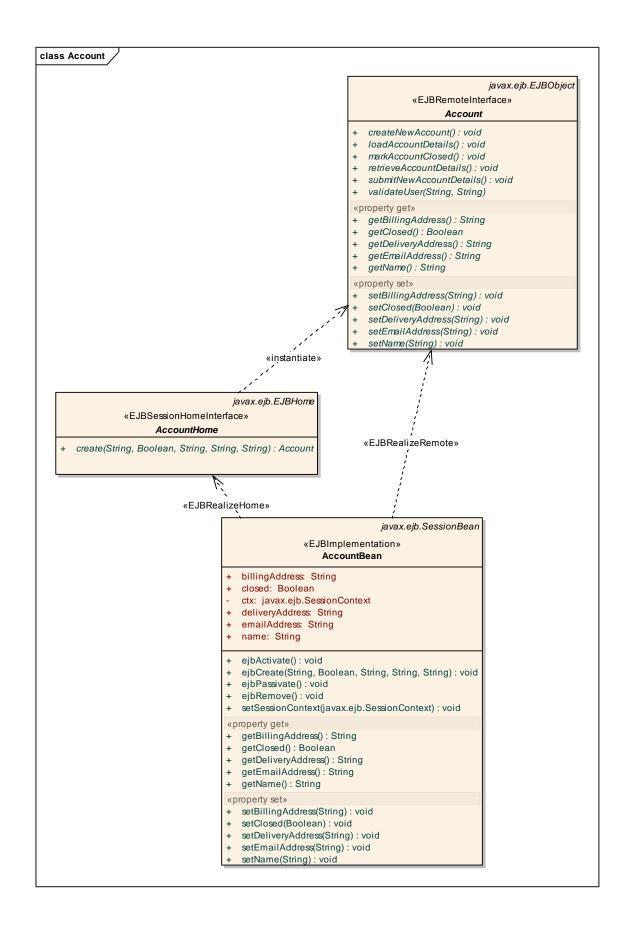


Diagram: EJB Session

class EJB Session	
_	

Diagram: Account



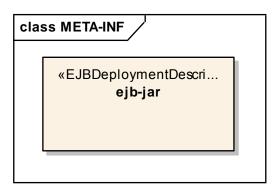
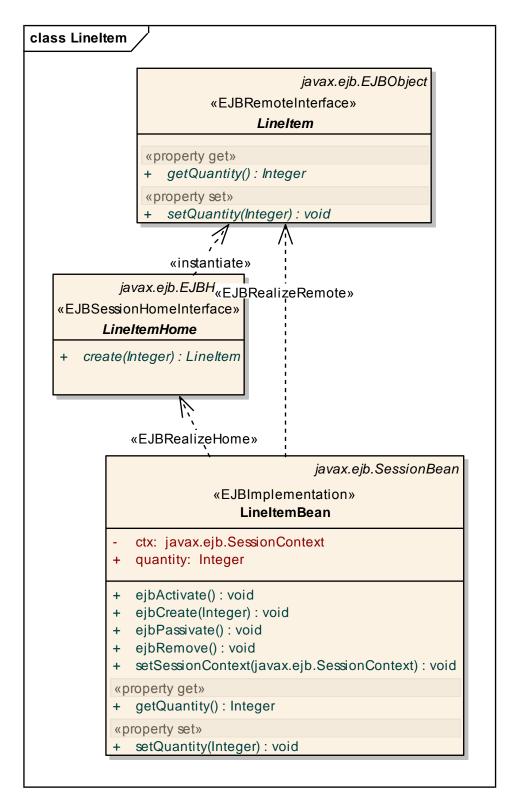


Diagram: LineItem



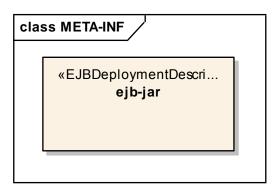


Diagram: Order

class Order javax.ejb.EJBObject «EJBRemoteInterface» Order + checkForOutstandingOrders(): void «property get» + getDate(): Date getDeliveryInstructions(): String + getOrderNumber(): String «property set» + setDate(Date): void + setDeliveryInstructions(String): void setOrderNumber(String): void «insţantiate» *javax.ejb.EJBI*«EJBRealizeRemote» «EJBSessionHomeInterface» OrderHome create(Date, String, String): Order «EJBRealizeHome» javax.ejb.SessionBean «EJBImplementation» OrderBean ctx: javax.ejb.SessionContext date: Date deliveryInstructions: String + orderNumber: String + ejbActivate(): void + ejbCreate(Date, String, String): void + ejbPassivate(): void ejbRemove(): void setSessionContext(javax.ejb.SessionContext): void «property get» + getDate(): Date + getDeliveryInstructions(): String + getOrderNumber(): String «property set» + setDate(Date): void + setDeliveryInstructions(String): void setOrderNumber(String): void

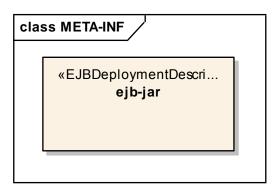
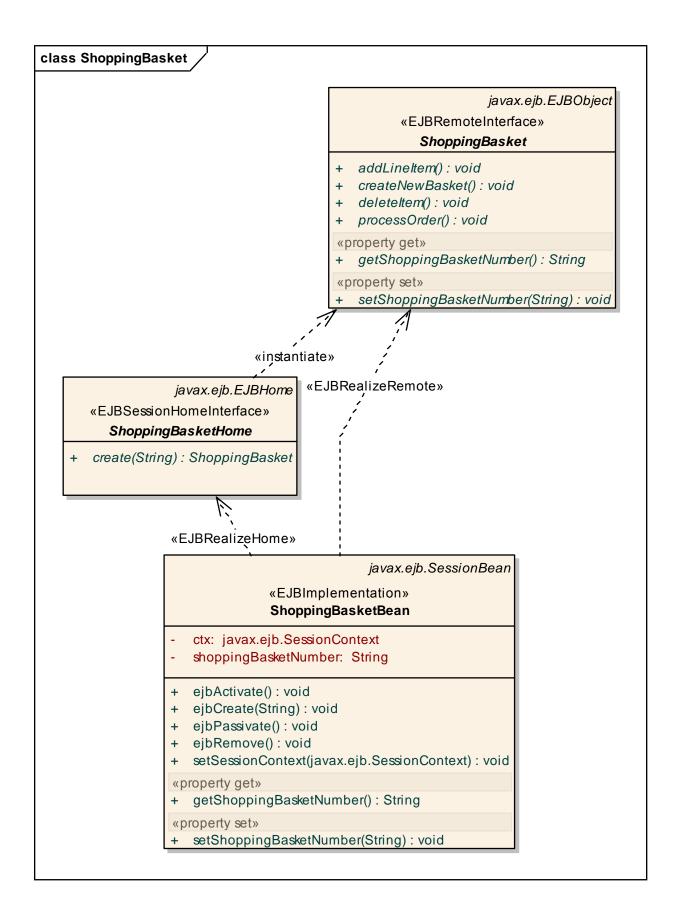


Diagram: ShoppingBasket



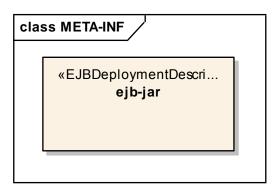


Diagram: StockItem

class StockItem javax.ejb.EJBObject «EJBRemoteInterface» StockItem «property get» + getAuthor(): string getCatalogNumber(): string + getCostPrice(): number + getListPrice(): number + getTitle(): string «property set» setAuthor(string): void setCatalogNumber(string): void setCostPrice(number): void setListPrice(number): void setTitle(string): void «instantiate» javax.ejb.EJBHoi«EJBRealizeRemote» «EJBSessionHomeInterface» StockItemHome + create(string, string, number, number, string): StockItem «EJBRealizeHome» javax.ejb.SessionBean «EJBImplementation» StockItemBean + Author: string catalogNumber: string costPrice: number ctx: javax.ejb.SessionContext + listPrice: number + title: string + ejbActivate(): void + ejbCreate(string, string, number, number, string): void + ejbPassivate(): void + ejbRemove(): void + setSessionContext(javax.ejb.SessionContext): void «property get» + getAuthor(): string + getCatalogNumber(): string + getCostPrice(): number + getListPrice(): number + getTitle(): string «property set» + setAuthor(string): void setCatalogNumber(string): void setCostPrice(number): void setListPrice(number): void setTitle(string): void

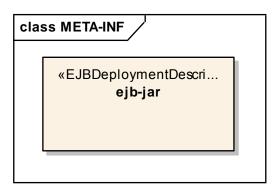


Diagram: Transaction

class Transaction javax.ejb.EJBObject «EJBRemoteInterface» Transaction + loadAccountHistory(): void + loadOpenOrders(): void «property get» + getDate(): Date + getOrderNumber(): String «property set» + setDate(Date): void setOrderNumber(String): void «instantiate» javax.ejb.EJBH «EJBRealizeRemote» «EJBSessionHomeInterface» TransactionHome create(Date, String): Transaction «EJBRealizeHome» javax.ejb.SessionBean «EJBImplementation» **TransactionBean** ctx: javax.ejb.SessionContext + date: Date + orderNumber: String + ejbActivate(): void + ejbCreate(Date, String): void + ejbPassivate(): void + ejbRemove(): void + setSessionContext(javax.ejb.SessionContext): void «property get» + getDate(): Date + getOrderNumber(): String «property set» + setDate(Date): void setOrderNumber(String): void

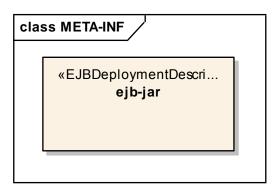
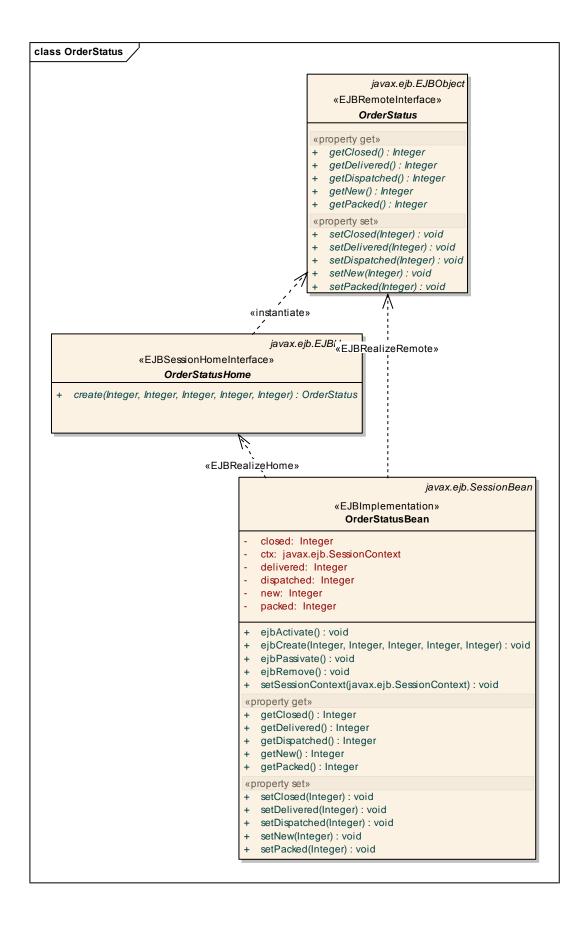


Diagram: OrderStatus



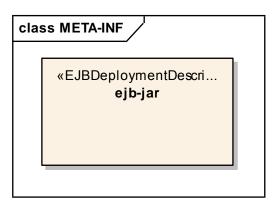


Diagram: XSD

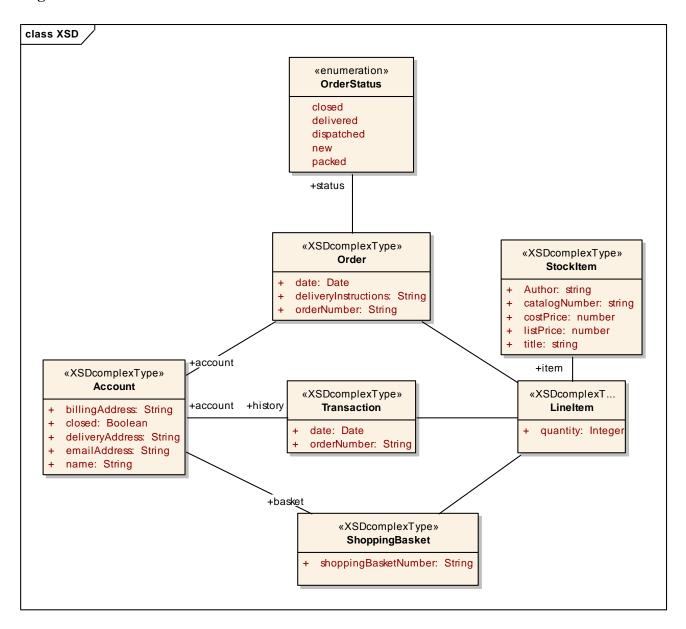


Diagram: Java Model

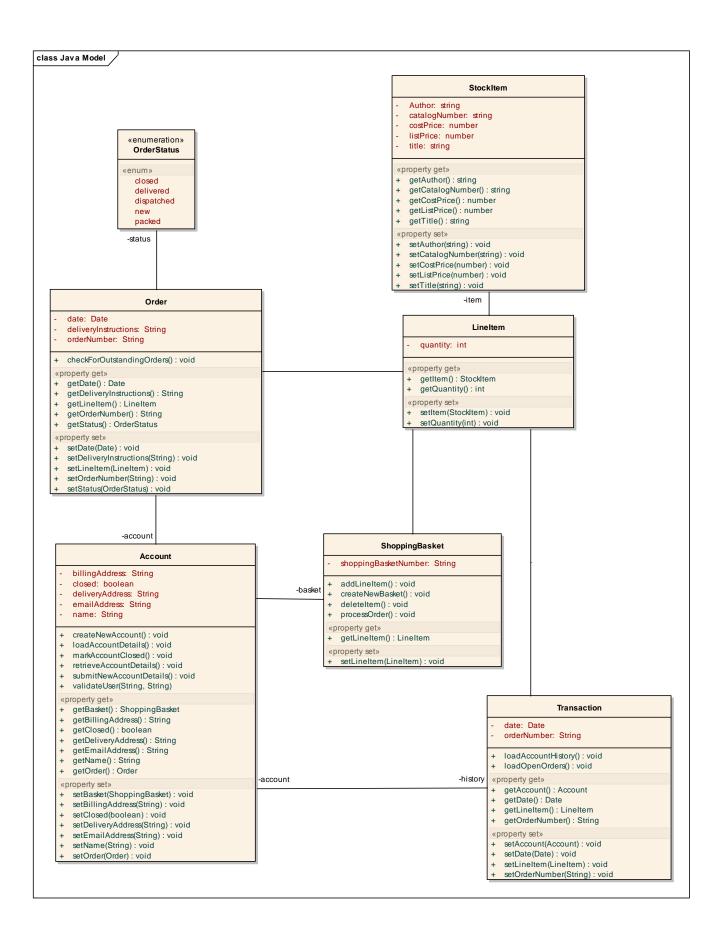


Diagram: Test Environment Model

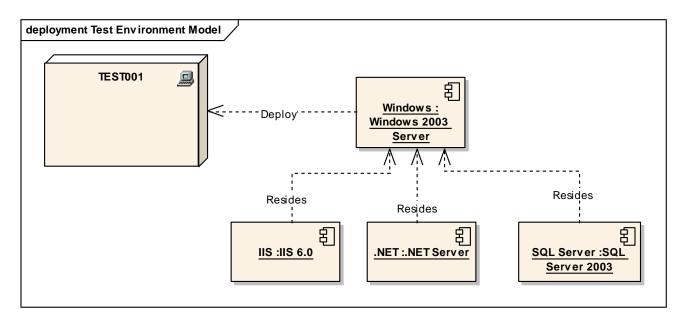


Diagram: Development Environment Model

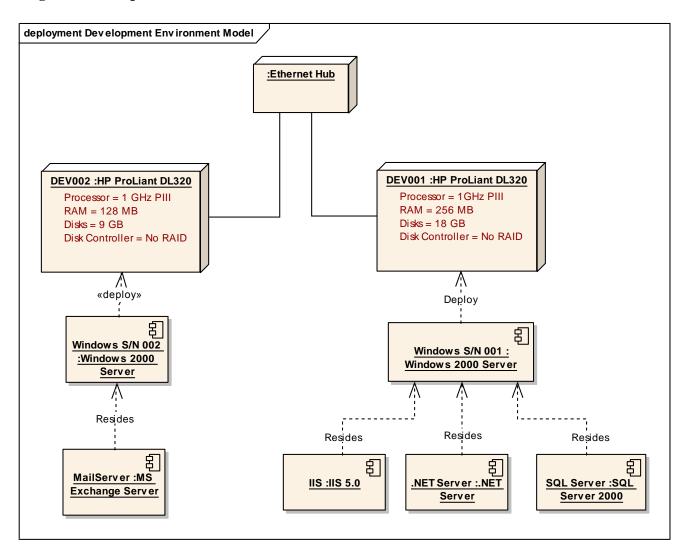


Diagram: View Orders

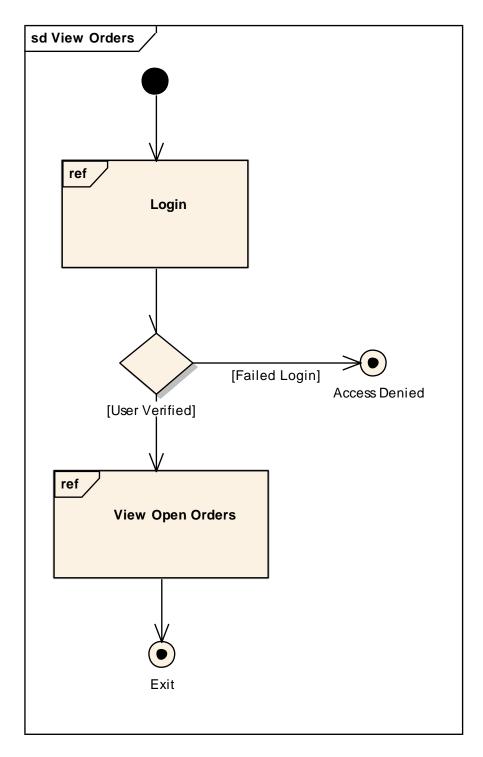


Diagram: Login

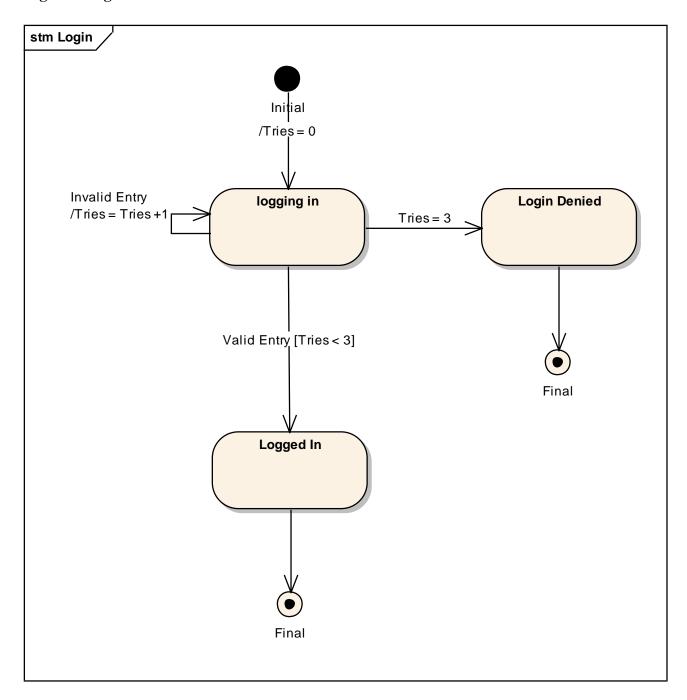


Diagram: Search

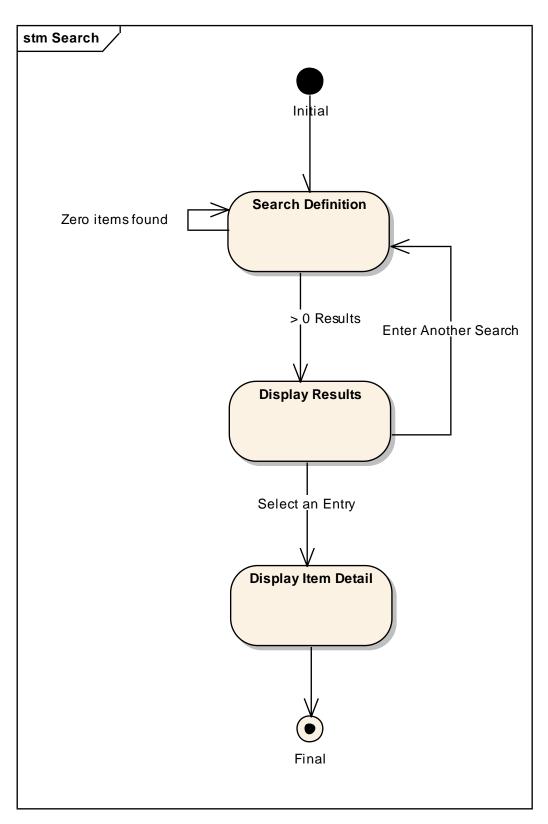


Diagram: Customer Order

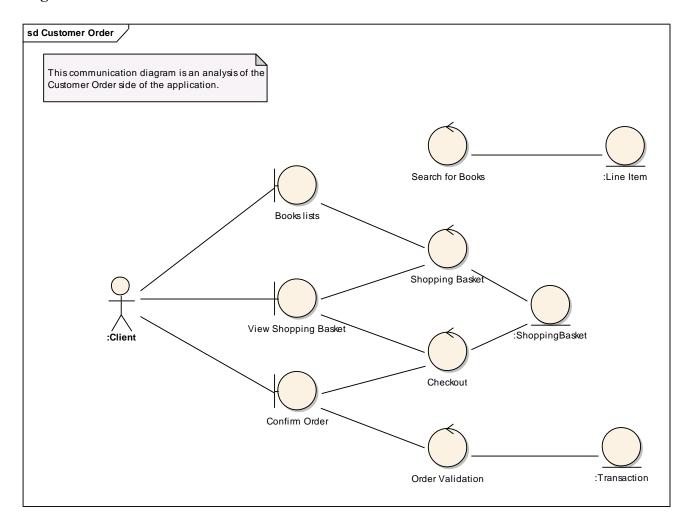


Diagram: QA Model

class QA Model

Quality Assurance

There are a number methods for setting up testing definitions and tracking test results in Enterprise Architect. Two key formats that can be used for this are:

- 1. Internal test definitions within an element.
- 2.. Attaching a custom element of type "Test Case" to existing elements.

Below are links with examples of using these two methods.



1. Display internal testing in an Element (i.e. Class)



2. Use a Test Case Element

Enterprise Architect also supports custom elements for Issues and Changes. These are useful for logging maintenance updates. These can be also be viewed with the test definitions displayed.

For examples of this see:



Changes Example



lssues Example

For a document of the Test Plan see the internal RTF document covering the test strategy:

Testing::Test Plan

Diagram: Take Orders

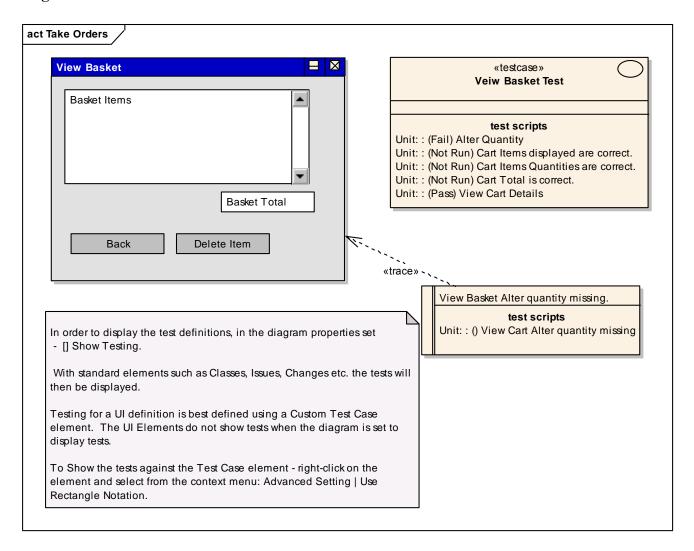


Diagram: Place Order

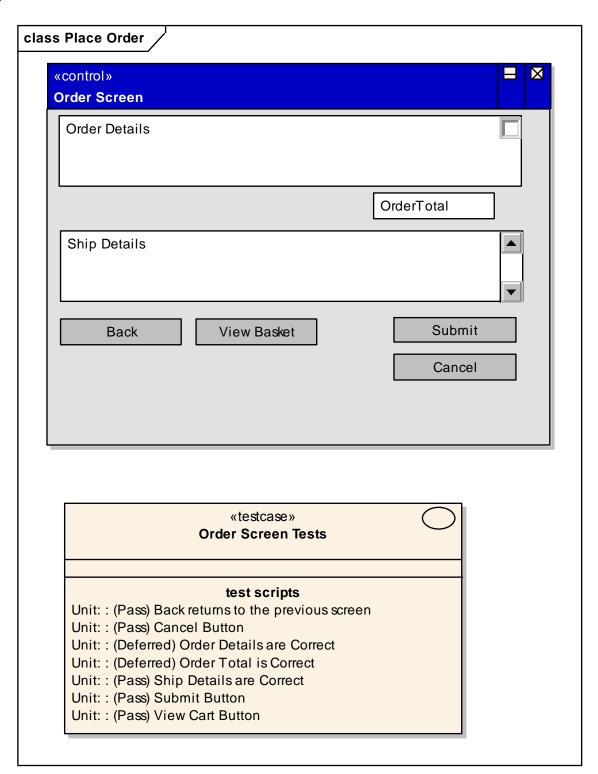


Diagram: Account

custom Account

Below are some classes defined in the Implementation Model. These classes have been copied to this diagram. The diagram is set to display Test scripts.

Abstract Class Model (PIM)::Transaction

test scripts

Unit: : (Not Run) Confirm quantity Unit: : (Deferred) No History Unit: : (Not Run) View History Unit: : (Not Run) Zero Quantity

Abstract Class Model (PIM)::Account

test scripts

Unit: : (Not Run) Basic Path

Unit: : (Not Run) Basic Path - Administrator

Unit: : (Not Run) Basic Path - Client

Unit: : (Not Run) Cannot Create New Account

Unit: : (Not Run) No Submit Unit: : (Not Run) No to Close

Unit: : (Not Run) Outstanding Transactions

Unit: : (Not Run) Validation fails

Diagram: Orders

class Orders

Internal Test Scripts

Test scripts can be defined within any element. Below are some classes defined in the Implementation Model that have been copied to this diagram.

The diagram properties have been set to show test cases defined in the elements. To set this:

- Open the diagram properties (F5).
- Set [Show Testing.



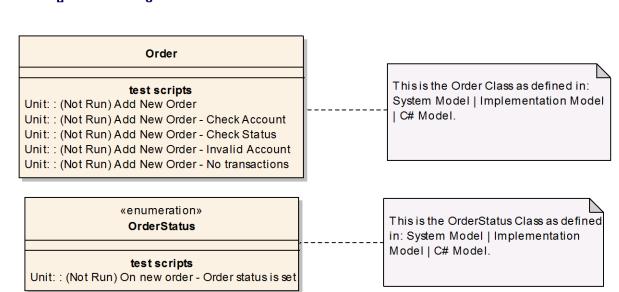


Diagram: Shopping Cart

class Shopping Cart **ShoppingBasket** test scripts Unit: : (Deferred) Add Item Unit: : (Deferred) Add Item - Zero Entry Unit: : (Not Run) Alter Quantity Unit: : (Not Run) Delete an Item Unit: : (Not Run) Set to zero Quantity Unit: : (Not Run) View Cart Details Unit: : (Not Run) View Cart Details - Quantity Update LineItem StockItem

Diagram: User Interface

custom User Interface	,

Diagram: Back End Services

custom Back End Services	

Diagram: Delivery Process

custom Delivery Process	

Diagram: Issues

custom Issues

<u>Issues</u>

EA supports custom Elements of type 'Issue'. These can be linked to other elements in the repository or used as a separate lists of issues.

Below are a set of issues for the shopping basket with test definitions listed against these issues ready for checking once they are confirmed as corrected.

The color markings reflect the Status of the element.

View Basket Alter quantity missing.

test scripts

Unit: : () View Cart Alter quantity missing

(from Take Orders)

View basket total cost - not correct

test scripts

Unit: : (Not Run) Check the Total Cost is correct

Remove if quantity is modified and returns Zero

test scripts

Unit: : (Not Run) Delete an Item
Unit: : (Not Run) Set to zero Quantity

Diagram: Changes

custom Changes

Changes

EA supports custom Elements of type 'Change'. These can be linked to other elements in the repository or used as a separate lists of any changes proposed for the model.

Below are a set of Change elements for the shopping basket with test definitions listed against them. They are ready for checking once they are confirmed as corrected.

The color markings reflect the Status of the element.

View Basket - add: alter quantity against the entries.

test scripts

Unit: : (Not Run) Alter Quantity

View Basket - Add button to update Change

test scripts

Unit: : (Deferred) Update Cart Buttom operative

Create Account: password confirmation fails

test scripts

Unit: : (Not Run) Password Confirmation

Diagram: Issues

custom Issues		

Diagram:	Changes	
Diagram.	Changes	

custom Changes		

Diagram: Resources

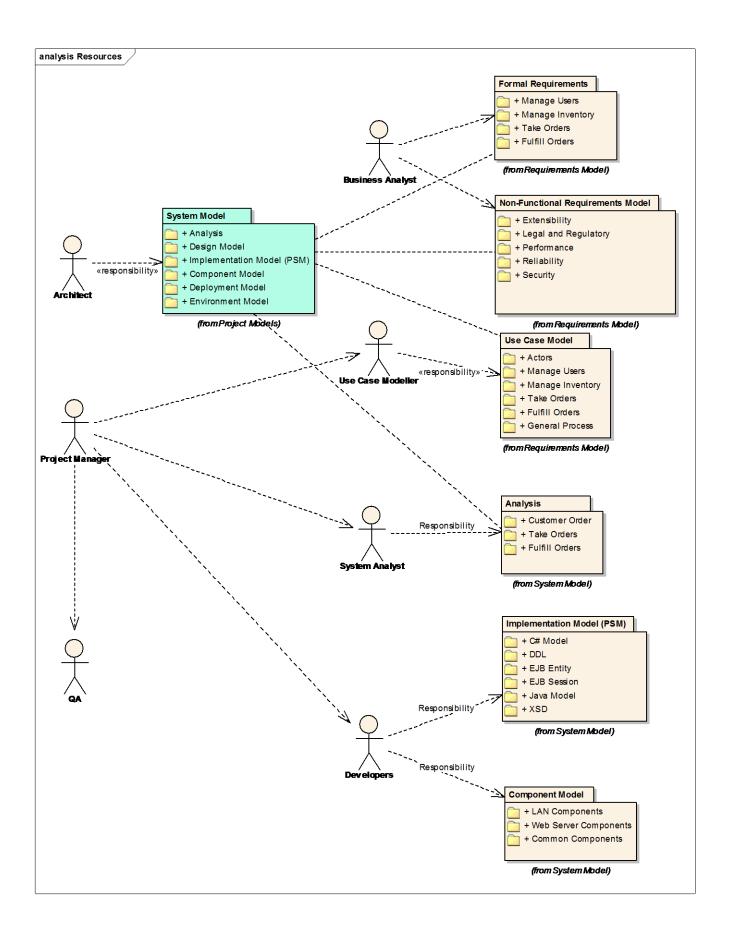


Diagram: Resources Overview

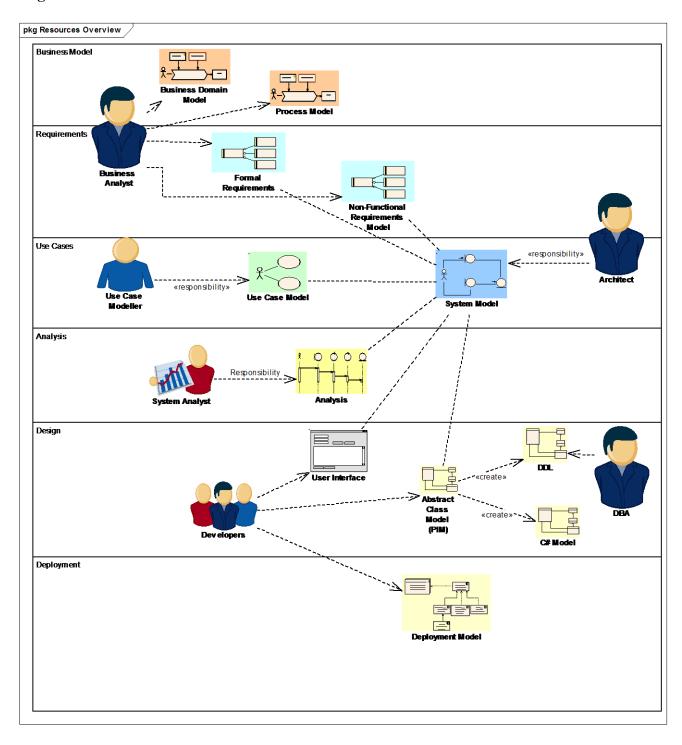


Diagram: Resource Allocation

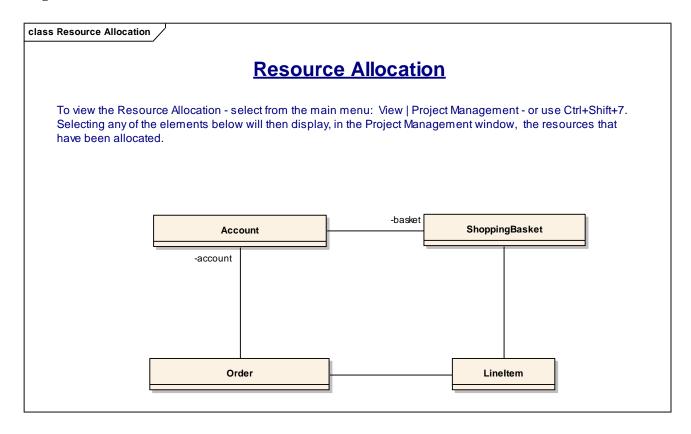


Diagram: Metrics and Estimation

class Metrics and Estimation

Metrics and Estimation

EA supports the definition of Use Case Metrics for elements defined in the Use Case model. For a set of Use Cases with Metrics set - see the following diagram:



Manage Users

To set up the Use Case Metrics and Estimation open the properties for a Use Case element and set value for: Complexity [].

For defining the technical and environmental factors -TCF and ECF open from the main menu: Configuration | Metrics and Estimation Types.

For more details on creating Use Case Metrics see:



http://www.sparxsystems.com.au/UCMetrics.htm

For reports on estimating the project size use the option on the main menu: - Project | Use Case Metrics.

EA also supports the definition of Effort and Metrics for elements defined in the model. To access this use the main menu option: View | Project Management (or Ctrl+Shift+7).

Diagram: Risk

object Risk /
ODJECT NISK
<u>Risk</u>
Below are the risks defined in the model. These are grouped in the packages related to the typical risk areas. The elements contained in these are linked elements defined in the source packages.
To view the risk definitions- from the main Menu select: - View Project Management (Ctrl+Shift+7) then select the Risk tab on the base of the window.
- Open a package below (double-click on it) then select an Element from the diagram to view its risk definition.
Uncertain Requirements
Effort Estimate Risks
Feasabilty of Design

Diagram: Uncertain Requirements

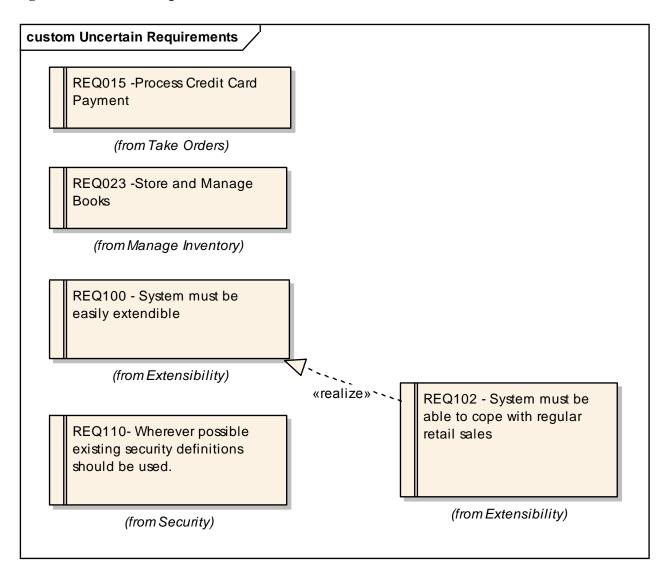


Diagram: Effort Estimate Risks

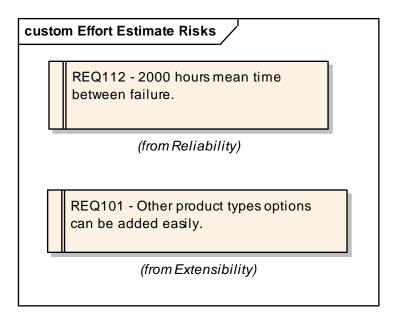


Diagram: Feasabilty of Design

REQ107 - Access to the secure site must be no longer than 2 sec delay. (from Performance)

Diagram: Custom Diagrams

class Custom Diagrams

Other Diagrams Types

Enterprise Architect supports numerous variations on using the standard UML 2.0 diagrams type. Some of the key formats are shown below.

- Requirements
- Testing QA
- Business Modeling
- Data Modeling
- User Interface Example
- Using Diagrams to Create Different Views
- Diagrams Using Images
- Traceability

Diagram: Diagram using Images

class Diagram using Images

Using Images on Elements

EA allows standard UML elements to be displayed with alternate images. This can be useful for communicating concepts to clients or non-technical staff. Double click the hyperlinks below for example diagrams using alternate images.



Actors

Deployment Model

Stakeholders

Diagram: Model Overview

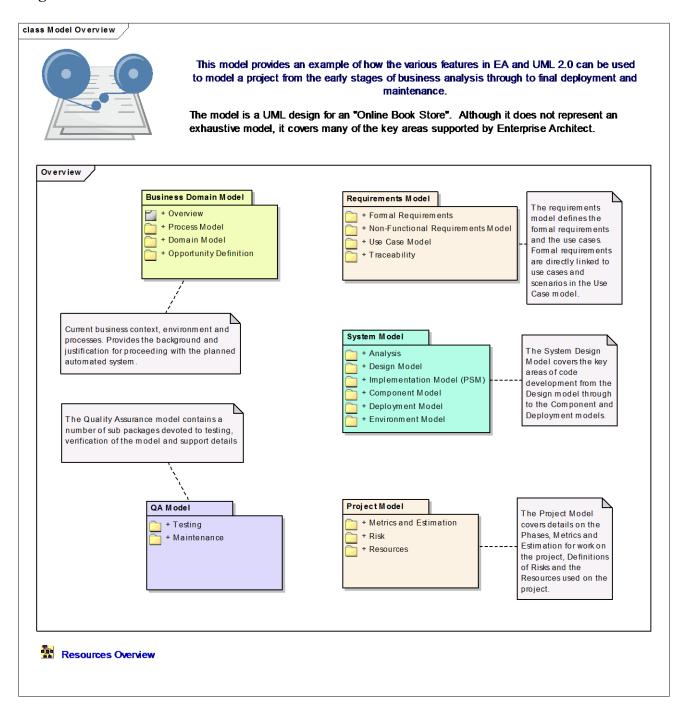


Diagram: UML 2.0 Diagrams

class UML 2.0 Diagrams

UML 2.0 Diagram Types

Below are some examples of the UML 2.0 diagrams types supported in Enterprise Architect. This section gives examples of all 13 diagram types supported.

Structural Diagrams

Package

Class

Object

Composite Structure

Component

Deployment

Custom

Behavioral Diagrams

Use Case

Analysis

Activity

State

Communication

Sequence

Timing

Interaction

Diagram: Welcome

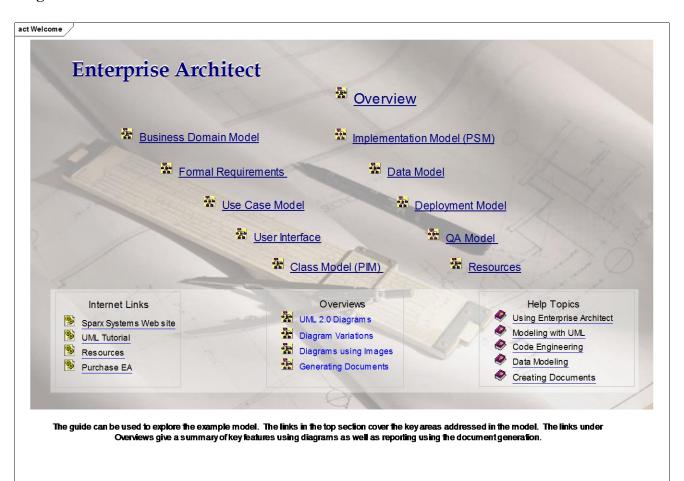


Diagram: Activity Diagrams

act Activity Diagrams

Activity Diagrams

Below are some Activity Diagrams that use a number of the new features added to activity diagrams in UML 2.0.

- Standard Activity Diagram
- Activity & Subactivity Diagram
- Partition Diagram
- InterruptibleActivityRegion

Diagram: Class diagrams

class Class diagrams

Class Diagrams

Below are some examples of Class diagrams used in this model.



C# Model - No Attributes

EJB Entity

Java Model

Note: The above class diagrams were generated using the MDA transform from the Abstract Class Model. See:

Abstract Class Model (PIM): Class Model

MDA Transforms

Diagram: Communication diagrams

sd Communication diagrams

Communication Diagrams

Below are some examples of Communication Diagrams as used in the Use Case model.



Delete User

View Account details

View History

Login

Close Account

Diagram: Component Diagrams

cmp Component Diagrams

Component Diagrams

Below are some examples of Component Diagrams used in this model.





Diagram: Custom Diagrams

custom Custom Diagrams

Custom Diagrams

Below are some examples of Custom Diagrams used in this model.

Requirements: Manage Users

Traceability: ManageUsers

Traceability: Manage Inventory

Diagram: Diagram Settings

/	
	<u>Diagram Settings</u>
Diagrams can be created with some examples of this.	a number of different settings for displaying the same information. Below are
Class Diagram with Attrib	butes and Operations Viewable
Class diagram with the A	Attributes and operations not shown.
Class Diagram only show	wing the Testing.
of fight-click off the diagram a	nd from the context menu select: Properties.
The Diagram Properties window	w includes - Appearance Options (see below). This displays options es viewed on the current diagram.

Diagram: Interaction diagrams

sd Interaction diagrams

Interaction Overview Diagrams

The following are some examples of Interaction Overview Diagrams.



View Account details

Interactions

Sale

Diagram: Package Diagrams

pkg Package Diagrams

Package Diagrams

Below are some examples of Package diagrams used in this model:

Business Domain Model

Formal Requirements

EJB Entity

Diagram: Sequence Diagrams

sd Sequence Diagrams

Sequence Diagrams

Below are some examples of Sequence Diagrams:



Delete User

View Account details

View History

View Open Orders

Diagram: State Diagrams

pkg State Diagrams

State Chart Diagrams

Below are some examples of Statechart Diagrams used in the model:



Manage Titles State

Search

Diagram: Timing

sd Timing

Timing Diagrams

Enterprise Architect supports the UML 2.0 Timing Diagram. There are two lifelines defined in UML 2.0 - the State Lifeline and the Value Lifeline. The following are examples of these:



State Lifeline



Value Lifeline

These elements can be combined within a single diagram:



State and Value combined

Diagram: Use Case diagrams

uc Use Case diagrams

Use Case Diagrams

Below are a number of examples of Use Case diagrams:

Manage Users

Manage Inventory

Take Orders

Fulfill Orders

Diagram: State Lifeline

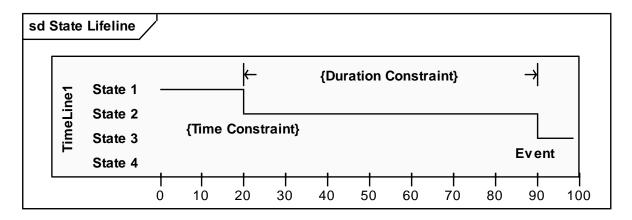


Diagram: Timing Diagram

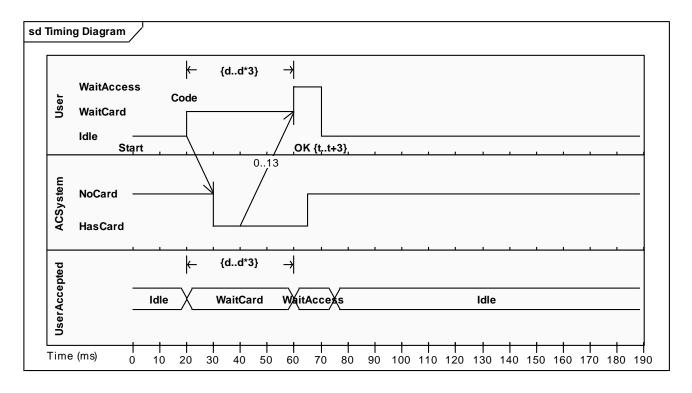


Diagram: Value Lifeline

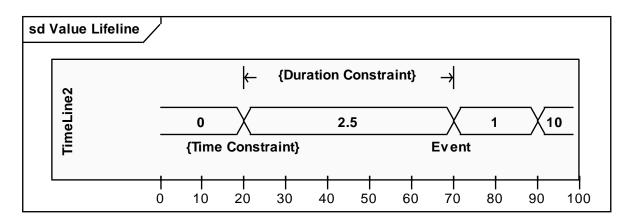


Diagram: CancelSale

Diagram: Checkout

sd Checkout		

Diagram: CreateRecord

sd CreateRecord	

Diagram: Sale

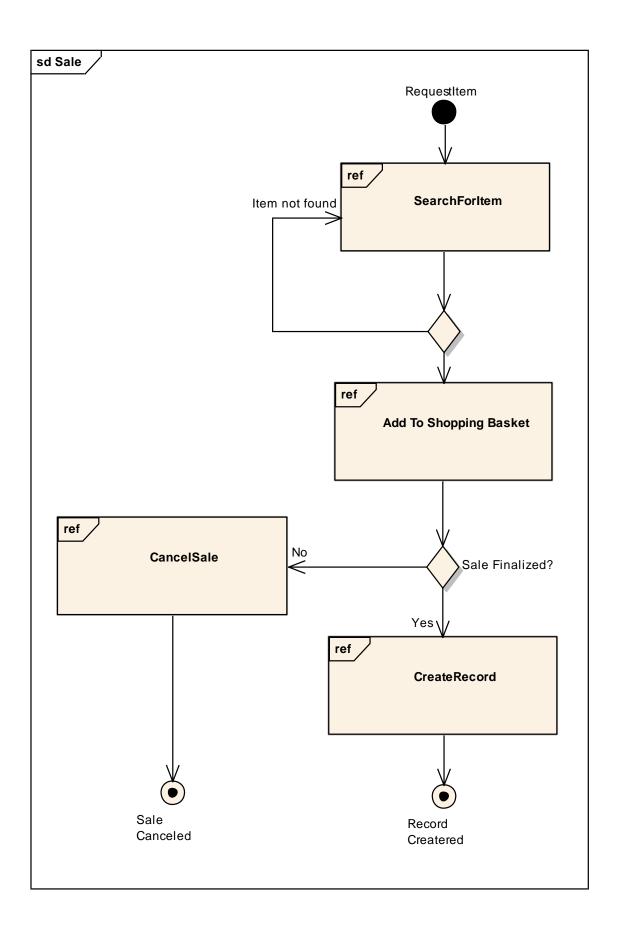


Diagram: Fragment

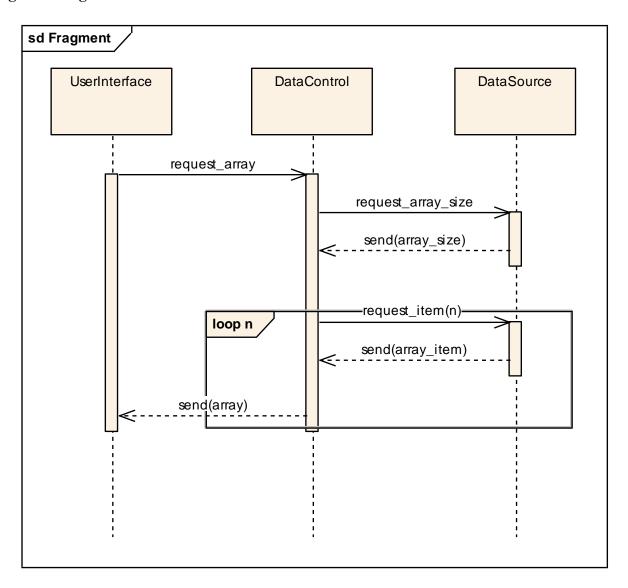


Diagram: Composite Structure

composite structure Composite Structure

Composite Structure Diagrams

Below are two examples of composite structure diagrams, one giving an example of the CollaborationOcurrence element, the other giving an example of Property.



Composite Structure - CollaborationOccurrence



Composite Structure - Properties

Diagram: Composite Structure-Properties

composite structure Composite Structure-Properties This composite structure diagram represents properties of the Stock class two ways. The first encompasses the properties within the class element, whereas the second uses connectors to reflect the properties. Stock BookStock :Book [BookCount] records :Computer barcode Stock [BookCount] +BookStock +records Computer **Books** barcode

Diagram: Sale

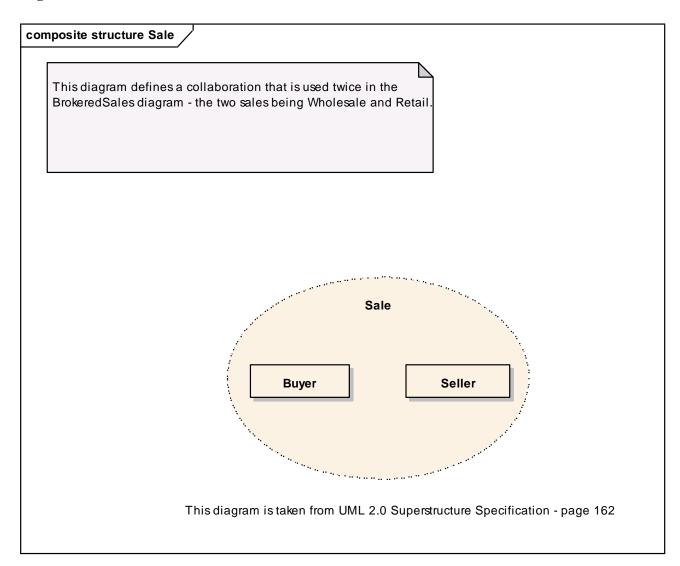


Diagram: brokered

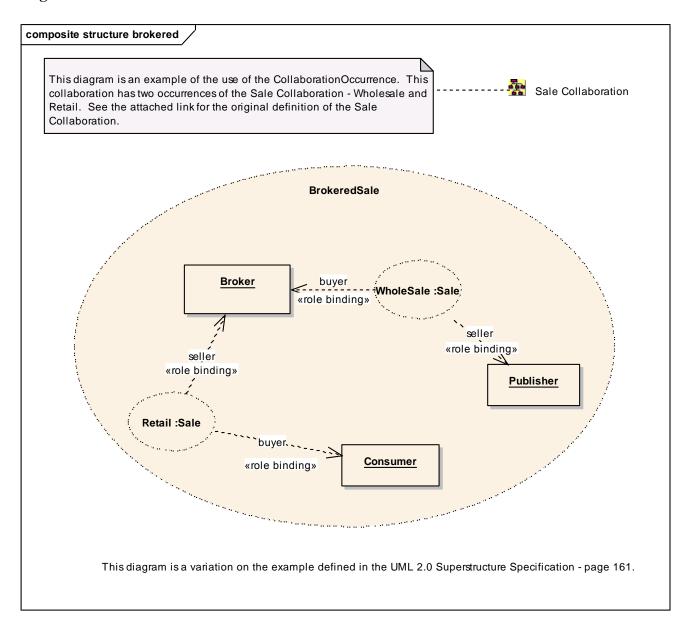


Diagram: Object

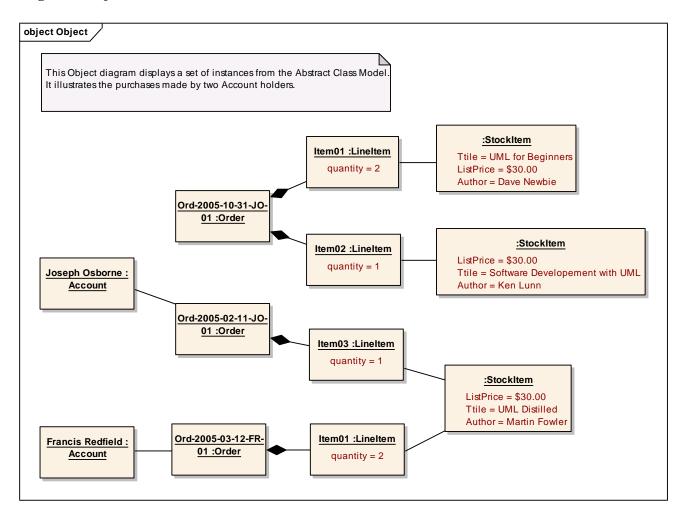


Diagram: Documentation

custom Documentation

Guide to Using EA's Documentation

Enterprise Architect supports the creation of professional and completely customized documentation directly from the application using both RTF report generation and HTML generation.

There are a number of different methods for running reports. Details for these are as follows:

Standard RTF reports:

Standard RTF reports are user definable and generate a report on a package tree:



Details and Examples of Standard RTF Documents

HTML Reports

Enterprise Architect supports the generation of HTML reports based on a package tree:



Details on HTML Reports

Virtual Documents

Virtual Documents allow packages, unrelated in the project tree, to be grouped into a single RTF report.



Details and Examples of Virtual Documents

Word Master Documents

EA supports book-marking Elements and Packages in reports. These can used with Word to group parts of different reports into a master document.



Details on Using Word Master Documents

RTF Reports Using Search Results

The results of a search can be used to create an RTF document.



Details on Creating Reports from Search Results

Diagram: HTML reports

custom HTML reports

Generating HTML Reports

EA has the ability to generate a HTML report of an entire model or a single branch of the model. The HTML report provides a convenient frames-based structure navigator and content explorer with much of the output hyperlinked to related sections within the model.

The HTML report produced is compatible with any standard web server - either on Unix or Windows allowing the output to be placed within the context of your web server.



The HTML generation is based on internal templates and generated Java script. Alterations can be made to the basic template. For more information on this see:



Diagram: Reports from Search Results

custom Reports from Search Results

Reports from Search Results

Enterprise Architect now supports the creation of RTF documents based on the results of a Search (i.e. Ctrl-F). The search facility can be used to create a group of similar elements. A selection from the search results can then be used to generate the report.

Any of the RTF templates can then be used to generate a report from the search results.

For more information on this see - "Element Selection in the View" in:



RTF Report on Search Results

Diagram: Standard RTF

custom Standard RTF

Standard RTF Documents

Enterprise Architects RTF document generation allows the user to create or edit a template that defines the structure of a report to be generated. Once the template is created, the report can be run on any package or tree of packages to produce an RTF document.

This generated document can be viewed internally or it can be viewed using the systems default word processor (i.e. the internal RTF editor or Word).

To run a report using an existing report template, select a package in the Project View and either.

- Press (F8) or
- From the main menu select Project | Documentation | Rich Text Format Report

To view a Basic Template document generated from this model - double-dick on the Element below:



For more information on creating RTF reports see the following:





Diagram: Virtual Documents

custom Virtual Documents

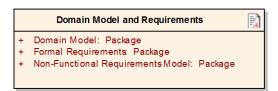
Virtual Documents

Enterprise Architect can generate a report of a group of packages that are not directly related in the Project Tree. These reports are called a "Virtual Document".

A virtual document is defined using a Class with the Stereotype set to "Model Document". With this stereotype set the Class shows a document icon.

To define what packages to report on, simply drag packages from the Project View on to the "Model Document" class. The class can then be selected and used to generate a document from any of the RTF templates.

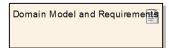
Below is an example of a Model Document class:



To run a report on this package:

- Select the package and press (F8)
- Select a template to generate from (i.e. Basic Template)
- Select [Generate]
- When complete:
- Select [View] to open the generated document.

Below is an example of the document generated using the RTF "Basic Template" - double-click to open it:



For more information on setting up "Virtual Documents" see the following section in the help file:



Help - Virtual Documents

Diagram: Word Master Documents

custom Word Master Documents

Word Master Documents

When Working with RTF documents, MS Word can be used to create a master document that can consist of parts of one document or parts from a series of RTF documents. When an RTF report is generated, each Package and Element is grouped as a book-marked item. A Word document can be used to group whole documents or book-marked sections of any of the RTF reports generated.

For more information on setting up Master Documents using Word see:



Using Word - Bookmarks