|  |
| --- |
| **Model Report**  Class Model  Version ● Proposed |
| |  |  |  | | --- | --- | --- | |  | Date/Time Generated: | 30/08/2015 23:54:03 | | Author: | Nikola |   EA Repository : F:\Invado\crm\Documentation\architecture\dtm.eap |
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# **C****lass Model**

*Package in package 'Model'*

Class Model

Version Phase 1.0 Proposed

created on 01/02/2015. Last modified 01/02/2015

## **F****inance**

*Package in package 'Class Model'*

Finance

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

### **FinancialDocumentGenerator diagram**

*Class diagram in package 'Finance'*

FinancialDocumentGenerator

Version 1.0

Zlatko created on 01/02/2015. Last modified 08/02/2015



1. FinancialDocumentGenerator

#### **DocumentType**

*Class in package 'Class Model'*

DocumentType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 06/04/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from DocumentType to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| inputOutput : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| shortName : String Private  [ Is static False. Containment is Not Specified. ] |
| typeName : String Private  faktura, odobrenje, zaduzenje, prijemnica, potrosnica...  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) GeneratorTypeDetails | Target: Public (Class) DocumentType |

### **FinancialObjects diagram**

*Class diagram in package 'Finance'*

FinancialObjects

Version 1.0

Zlatko created on 01/02/2015. Last modified 08/02/2015



1. FinancialObjects

#### **Article**

*Class in package 'Class Model'*

Article

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| unitOfMeasure : UnitOfMeasure Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Article | Target: Public (Class) FinancialDocumentDetails |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) UnitOfMeasure | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

#### **BusinessPartner**

*Class in package 'Class Model'*

BusinessPartner

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| businessPartnerType : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PIB : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

### **TermsOfSales diagram**

*Class diagram in package 'Finance'*

TermsOfSales

Version 1.0

Zlatko created on 01/02/2015. Last modified 30/08/2015



1. TermsOfSales

#### **Article**

*Class in package 'Class Model'*

Article

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| unitOfMeasure : UnitOfMeasure Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Article | Target: Public (Class) FinancialDocumentDetails |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) UnitOfMeasure | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

#### **BusinessPartner**

*Class in package 'Class Model'*

BusinessPartner

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| businessPartnerType : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PIB : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

#### **Device**

*Class in package 'codeBase'*

- Device je genericki naziv, u Dtm primeru je to terminal, ali može biti bilo kakav uredjaj

1. novi terminal dobija status neaktivan.

2. dodeljivanje prodajnom mestu, menja status terminala u aktivan i nastaje zapis u TerminalSalesPoint

3. prelaskom terminala u status Servis, zatvara se postojeci zapis u TerminalSalesPoint.

Device

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| customId : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : int Private  [ Is static False. Containment is Not Specified. ] |
| firmware : String Private  [ Is static False. Containment is Not Specified. ] |
| Id : int Private  [ Is static False. Containment is Not Specified. ] |
| serialNumber : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) DeviceOnPartnerLocation | Target: Public (Class) Device |

#### **TransactionType**

*Class in package 'codeBase'*

TransactionType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : Integer Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| type : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType | Target: Public (Class) DTMTransactions «external entity» |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

### **TermsOfSales\_v2 diagram**

*Class diagram in package 'Finance'*

TermsOfSales\_v2

Version 1.0

Nikola created on 30/08/2015. Last modified 30/08/2015



1. TermsOfSales\_v2

#### **Article**

*Class in package 'Class Model'*

Article

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| unitOfMeasure : UnitOfMeasure Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Article | Target: Public (Class) FinancialDocumentDetails |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) UnitOfMeasure | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

#### **BusinessPartner**

*Class in package 'Class Model'*

BusinessPartner

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| businessPartnerType : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PIB : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

#### **TransactionType**

*Class in package 'codeBase'*

TransactionType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : Integer Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| type : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType | Target: Public (Class) DTMTransactions «external entity» |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

### **BankStatement**

*Class in package 'Finance'*

BankStatement

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BankStatementDetails |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

### **BankStatementDetails**

*Class in package 'Finance'*

BankStatementDetails

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BankStatementDetails |

### **BusinessPartnerServices**

*Class in package 'Finance'*

BusinessPartnerServices

Version 1.0 Phase 1.0 Proposed

NikolaB created on 07/04/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| businessPartner : BusinessPartner Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : Integer Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| mandatoryActivation : boolean Private  [ Is static False. Containment is Not Specified. ] |
| type : TransactionType Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerServices  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

### **FinDocDetailType**

*Class in package 'Finance'*

vrsta stavke

FinDocDetailType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| name : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocumentDetails | Target: Public (Class) FinDocDetailType |

### **FinancialDocument**

*Class in package 'Finance'*

FinancialDocument

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| businessPartner : BusinessPartner Private  kupac/dobavljac  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| creationDate : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| depatment : Department Private  [ Is static False. Containment is Not Specified. ] |
| documentType : DocumentType Private  [ Is static False. Containment is Not Specified. ] |
| dueDate : Date Private  [ Is static False. Containment is Not Specified. ] |
| finDocRef : FinancialDocument Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| idFinDoc : int Private  [ Is static False. Containment is Not Specified. ] |
| note : String Private  [ Is static False. Containment is Not Specified. ] |
| personAccountManager : Person Private  [ Is static False. Containment is Not Specified. ] |
| personCreated : Person Private  [ Is static False. Containment is Not Specified. ] |
| personVerified : Person Private  [ Is static False. Containment is Not Specified. ] |
| posBusinessPartner : BusinessPartner Private  prodajno mesto  [ Is static False. Containment is Not Specified. ] |
| status : String Private  [ Is static False. Containment is Not Specified. ] |
| year : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) ProcessedTransactions | Target: Public (Class) FinancialDocument |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocumentDetails | Target: Public (Class) FinancialDocument |

### **FinancialDocumentDetails**

*Class in package 'Finance'*

FinancialDocumentDetails

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| amount : double Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| discount : double Private  %  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| finDocRef : FinancialDocument Private  [ Is static False. Containment is Not Specified. ] |
| item : Article Private  [ Is static False. Containment is Not Specified. ] |
| ordNumber : int Private  [ Is static False. Containment is Not Specified. ] |
| quantity : double Private  [ Is static False. Containment is Not Specified. ] |
| unitPrice : double Private  [ Is static False. Containment is Not Specified. ] |
| VAT : double Private  %  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocumentDetails | Target: Public (Class) FinancialDocument |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocumentDetails | Target: Public (Class) FinDocDetailType |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Article | Target: Public (Class) FinancialDocumentDetails |

### **GeneratorType**

*Class in package 'Finance'*

u jednom trenutku mozemo imati samo jedan aktivan tip generatora.

Generator ima vremensku dimenziju i moze da vazi u odredjenom periodu.

GeneratorType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) GeneratorTypeDetails | Target: Public (Class) GeneratorType |

### **GeneratorTypeDetails**

*Class in package 'Finance'*

koja dokumenta se generisu, u kom redosledu...

GeneratorTypeDetails

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| ID : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| order : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) GeneratorTypeDetails | Target: Public (Class) DocumentType |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) GeneratorTypeDetails | Target: Public (Class) GeneratorType |

### **POSRegisteredServices**

*Class in package 'Finance'*

POSRegisteredServices

Version 1.0 Phase 1.0 Proposed

Nikola created on 30/08/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| businessPartner : BusinessPartner Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| endDate : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : Integer Private  [ Is static False. Containment is Not Specified. ] |
| registrationLabel : String Private  [ Is static False. Containment is Not Specified. ] |
| startDate : Date Private  [ Is static False. Containment is Not Specified. ] |
| terminal : Device Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerServices  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

### **POSRegisteredServices2**

*Class in package 'Finance'*

POSRegisteredServices2

Version 1.0 Phase 1.0 Proposed

Nikola created on 30/08/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| article : Article Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PointOfSale : BusinessPartner Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

## **codeBase**

*Package in package 'Class Model'*

codeBase

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

### **BusinessPartnerDetails diagram**

*Class diagram in package 'codeBase'*

BusinessPartnerDetails

Version 1.0

Zlatko created on 01/02/2015. Last modified 30/08/2015



1. BusinessPartnerDetails

#### **BusinessPartner**

*Class in package 'Class Model'*

BusinessPartner

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| businessPartnerType : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PIB : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

#### **Person**

*Class in package 'Class Model'*

Person

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 22/02/2015

| **ATTRIBUTES** |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| defaultAddress : String Private  [ Is static False. Containment is Not Specified. ] |
| firstName : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| lastName : String Private  [ Is static False. Containment is Not Specified. ] |
| nationalNumber : String Private  JMBG kos nas...  [ Is static False. Containment is Not Specified. ] |
| password : String Private  [ Is static False. Containment is Not Specified. ] |
| username : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

#### **Territory**

*Class in package 'Class Model'*

Territory

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Territory to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| idTerritoryType : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Territory | Target: Public (Class) Warehouse |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public id (Class) Territory  Cardinality: [1] | Target: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public idTerritoryType (Class) TerritoryType  Cardinality: [1] | Target: Public id (Class) Territory  Cardinality: [0..\*] |

### **Employment diagram**

*Class diagram in package 'codeBase'*

Employment

Version 1.0

Zlatko created on 01/02/2015. Last modified 08/02/2015



1. Employment

#### **Department**

*Class in package 'Class Model'*

Department

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| dateFrom : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| superiorDepartment : Department Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Department |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department  Cardinality: [1] | Target: Public (Class) Warehouse  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Department |

#### **Person**

*Class in package 'Class Model'*

Person

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 22/02/2015

| **ATTRIBUTES** |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| defaultAddress : String Private  [ Is static False. Containment is Not Specified. ] |
| firstName : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| lastName : String Private  [ Is static False. Containment is Not Specified. ] |
| nationalNumber : String Private  JMBG kos nas...  [ Is static False. Containment is Not Specified. ] |
| password : String Private  [ Is static False. Containment is Not Specified. ] |
| username : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

### **EntityClasification diagram**

*Class diagram in package 'codeBase'*

EntityClasification

Version 1.0

Zlatko created on 01/02/2015. Last modified 08/02/2015



1. EntityClasification

#### **CodeBaseObject**

*Class in package 'Class Model'*

CodeBaseObject

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 29/03/2015

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from DocumentType to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |
| Generalization from Warehouse to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |
| Generalization from Territory to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| classifications : List<Clasification> Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : Date Private  [ Is static False. Containment is Not Specified. ] |
| descritpion : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| person : Person Private  [ Is static False. Containment is Not Specified. ] |
| superiorObject : CodeBase Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) CodeBaseObject | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Bi-Directional) | |
| Source: Public (Class) Classification  Cardinality: [0..\*] | Target: Public (Class) CodeBaseObject  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) CodeBaseObject | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) CodeBaseObject |

| **OPERATIONS** |
| --- |
| getclassifications () : List<Clasification> Public    Properties:  attribute\_name = classifications  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getdateEntry () : Date Public    Properties:  attribute\_name = dateEntry  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getdateValid () : Date Public    Properties:  attribute\_name = dateValid  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getid () : int Public    Properties:  attribute\_name = id  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getidPerson () : int Public    Properties:  attribute\_name = person  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getidSuperiorObject () : int Public    Properties:  attribute\_name = superiorObject  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getname () : String Public    Properties:  attribute\_name = name  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setclassifications (newVal : List<Clasification> ) : void Public    Properties:  attribute\_name = classifications  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setdateEntry (newVal : Date ) : void Public    Properties:  attribute\_name = dateEntry  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setdateValid (newVal : Date ) : void Public    Properties:  attribute\_name = dateValid  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setid (newVal : int ) : void Public    Properties:  attribute\_name = id  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setidPerson (newVal : int ) : void Public    Properties:  attribute\_name = person  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setidSuperiorObject (newVal : int ) : void Public    Properties:  attribute\_name = superiorObject  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setname (newVal : String ) : void Public    Properties:  attribute\_name = name  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

### **Terminal diagram**

*Class diagram in package 'codeBase'*

Terminal

Version 1.0

Zlatko created on 01/02/2015. Last modified 30/08/2015



1. Terminal

#### **Article**

*Class in package 'Class Model'*

Article

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| unitOfMeasure : UnitOfMeasure Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Article | Target: Public (Class) FinancialDocumentDetails |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) UnitOfMeasure | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

#### **BusinessPartner**

*Class in package 'Class Model'*

BusinessPartner

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| businessPartnerType : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PIB : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

### **Transactions diagram**

*Class diagram in package 'codeBase'*

Transactions

Version 1.0

Zlatko created on 01/02/2015. Last modified 30/08/2015



1. Transactions

#### **FinancialDocument**

*Class in package 'Finance'*

FinancialDocument

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| businessPartner : BusinessPartner Private  kupac/dobavljac  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| creationDate : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| depatment : Department Private  [ Is static False. Containment is Not Specified. ] |
| documentType : DocumentType Private  [ Is static False. Containment is Not Specified. ] |
| dueDate : Date Private  [ Is static False. Containment is Not Specified. ] |
| finDocRef : FinancialDocument Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| idFinDoc : int Private  [ Is static False. Containment is Not Specified. ] |
| note : String Private  [ Is static False. Containment is Not Specified. ] |
| personAccountManager : Person Private  [ Is static False. Containment is Not Specified. ] |
| personCreated : Person Private  [ Is static False. Containment is Not Specified. ] |
| personVerified : Person Private  [ Is static False. Containment is Not Specified. ] |
| posBusinessPartner : BusinessPartner Private  prodajno mesto  [ Is static False. Containment is Not Specified. ] |
| status : String Private  [ Is static False. Containment is Not Specified. ] |
| year : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) ProcessedTransactions | Target: Public (Class) FinancialDocument |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocumentDetails | Target: Public (Class) FinancialDocument |

### **codeBase diagram**

*Class diagram in package 'codeBase'*

codeBase

Version 1.0

Zlatko created on 01/02/2015. Last modified 08/03/2015



1. codeBase

#### **Article**

*Class in package 'Class Model'*

Article

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| unitOfMeasure : UnitOfMeasure Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Article | Target: Public (Class) FinancialDocumentDetails |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) UnitOfMeasure | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

#### **BusinessPartner**

*Class in package 'Class Model'*

BusinessPartner

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| businessPartnerType : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PIB : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

#### **CodeBaseObject**

*Class in package 'Class Model'*

CodeBaseObject

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 29/03/2015

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from DocumentType to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |
| Generalization from Warehouse to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |
| Generalization from Territory to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| classifications : List<Clasification> Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : Date Private  [ Is static False. Containment is Not Specified. ] |
| descritpion : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| person : Person Private  [ Is static False. Containment is Not Specified. ] |
| superiorObject : CodeBase Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) CodeBaseObject | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Bi-Directional) | |
| Source: Public (Class) Classification  Cardinality: [0..\*] | Target: Public (Class) CodeBaseObject  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) CodeBaseObject | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) CodeBaseObject |

| **OPERATIONS** |
| --- |
| getclassifications () : List<Clasification> Public    Properties:  attribute\_name = classifications  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getdateEntry () : Date Public    Properties:  attribute\_name = dateEntry  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getdateValid () : Date Public    Properties:  attribute\_name = dateValid  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getid () : int Public    Properties:  attribute\_name = id  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getidPerson () : int Public    Properties:  attribute\_name = person  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getidSuperiorObject () : int Public    Properties:  attribute\_name = superiorObject  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getname () : String Public    Properties:  attribute\_name = name  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setclassifications (newVal : List<Clasification> ) : void Public    Properties:  attribute\_name = classifications  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setdateEntry (newVal : Date ) : void Public    Properties:  attribute\_name = dateEntry  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setdateValid (newVal : Date ) : void Public    Properties:  attribute\_name = dateValid  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setid (newVal : int ) : void Public    Properties:  attribute\_name = id  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setidPerson (newVal : int ) : void Public    Properties:  attribute\_name = person  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setidSuperiorObject (newVal : int ) : void Public    Properties:  attribute\_name = superiorObject  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setname (newVal : String ) : void Public    Properties:  attribute\_name = name  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

#### **Department**

*Class in package 'Class Model'*

Department

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| dateFrom : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| superiorDepartment : Department Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Department |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department  Cardinality: [1] | Target: Public (Class) Warehouse  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Department |

#### **DocumentType**

*Class in package 'Class Model'*

DocumentType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 06/04/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from DocumentType to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| inputOutput : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| shortName : String Private  [ Is static False. Containment is Not Specified. ] |
| typeName : String Private  faktura, odobrenje, zaduzenje, prijemnica, potrosnica...  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) GeneratorTypeDetails | Target: Public (Class) DocumentType |

#### **Person**

*Class in package 'Class Model'*

Person

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 22/02/2015

| **ATTRIBUTES** |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| defaultAddress : String Private  [ Is static False. Containment is Not Specified. ] |
| firstName : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| lastName : String Private  [ Is static False. Containment is Not Specified. ] |
| nationalNumber : String Private  JMBG kos nas...  [ Is static False. Containment is Not Specified. ] |
| password : String Private  [ Is static False. Containment is Not Specified. ] |
| username : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

#### **Territory**

*Class in package 'Class Model'*

Territory

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Territory to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| idTerritoryType : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Territory | Target: Public (Class) Warehouse |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public id (Class) Territory  Cardinality: [1] | Target: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public idTerritoryType (Class) TerritoryType  Cardinality: [1] | Target: Public id (Class) Territory  Cardinality: [0..\*] |

#### **TerritoryType**

*Class in package 'Class Model'*

TerritoryType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| typeName : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public idTerritoryType (Class) TerritoryType  Cardinality: [1] | Target: Public id (Class) Territory  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TerritoryType | Target: Public (Class) TerritoryType |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TerritoryType | Target: Public (Class) TerritoryType |

#### **Warehouse**

*Class in package 'Class Model'*

Warehouse

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Warehouse to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| location : Territory Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department  Cardinality: [1] | Target: Public (Class) Warehouse  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Territory | Target: Public (Class) Warehouse |

### **BankAccounts**

*Class in package 'codeBase'*

BankAccounts

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| bankAccountNumber : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| bankId : BusinessPartner Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| BusinessPartner : BusinessPartner Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

### **BusinessPartnerAddress**

*Class in package 'codeBase'*

BusinessPartnerAddress

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/03/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| number : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| street : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public id (Class) Territory  Cardinality: [1] | Target: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] |

### **BusinessPartnerContactDetails**

*Class in package 'codeBase'*

BusinessPartnerContactDetails

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/03/2015

| **ATTRIBUTES** |
| --- |
| Address : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateFrom : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : Date Private  [ Is static False. Containment is Not Specified. ] |
| email : String Private  [ Is static False. Containment is Not Specified. ] |
| firstName : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| lastName : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerContactDetails  Cardinality: [1] | Target: Public (Class) PhoneNumber  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

### **BusinessPartnerDetails**

*Class in package 'codeBase'*

Sadrzi skenirana dokumenta, slike, ugovori...

BusinessPartnerDetails

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/03/2015

| **ATTRIBUTES** |
| --- |
| content : byte Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateFrom : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : Date Private  [ Is static False. Containment is Not Specified. ] |
| description : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) DetailsType | Target: Public (Class) BusinessPartnerDetails |

### **Class1**

*Class in package 'codeBase'*

Class1

Version 1.0 Phase 1.0 Proposed

Nikola created on 30/08/2015. Last modified 30/08/2015

### **Classification**

*Class in package 'codeBase'*

Classification

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 22/02/2015

| **ATTRIBUTES** |
| --- |
| classificationSegment : String Private  Prakticno je korisnici ID klase.  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| classificationType : ClassificationType Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| classifiedObjects : CodeBaseObject Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| superiorClassification : Classification Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Bi-Directional) | |
| Source: Public (Class) Classification  Cardinality: [0..\*] | Target: Public (Class) CodeBaseObject  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) ClassificationType | Target: Public (Class) Classification |

### **ClassificationType**

*Class in package 'codeBase'*

ClassificationType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 22/02/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| mandatory : int Private  Da li je klasifikacija obavezna ili ne.  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| objectClassificationType : String Private  zatvorena lista vrednosti tipova objekata: poslovni partner, proizvod... Sve sto je specijalizacija codeBase objekta  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) ClassificationType | Target: Public (Class) Classification |

### **DTMTransactions**

*Class «external entity» in package 'codeBase'*

DTMTransactions

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType | Target: Public (Class) DTMTransactions «external entity» |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) ProcessedTransactions | Target: Public (Class) DTMTransactions «external entity» |

### **DetailsType**

*Class in package 'codeBase'*

Tpovi dokumenata i razlicitih podataka koji se mogu evidentirati za pojedinacnog poslovnog partnera.

DetailsType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/03/2015

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| name : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) DetailsType | Target: Public (Class) BusinessPartnerDetails |

### **Device**

*Class in package 'codeBase'*

- Device je genericki naziv, u Dtm primeru je to terminal, ali može biti bilo kakav uredjaj

1. novi terminal dobija status neaktivan.

2. dodeljivanje prodajnom mestu, menja status terminala u aktivan i nastaje zapis u TerminalSalesPoint

3. prelaskom terminala u status Servis, zatvara se postojeci zapis u TerminalSalesPoint.

Device

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| customId : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : int Private  [ Is static False. Containment is Not Specified. ] |
| firmware : String Private  [ Is static False. Containment is Not Specified. ] |
| Id : int Private  [ Is static False. Containment is Not Specified. ] |
| serialNumber : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) DeviceOnPartnerLocation | Target: Public (Class) Device |

### **DeviceOnPartnerLocation**

*Class in package 'codeBase'*

DeviceOnPartnerLocation

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 17/08/2015

| **ATTRIBUTES** |
| --- |
| comment : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateFrom : date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : date Private  [ Is static False. Containment is Not Specified. ] |
| status : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) DeviceOnPartnerLocation | Target: Public (Class) Device |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

### **Employment**

*Class in package 'codeBase'*

Employment

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| dateFrom : date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) JobPosition | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Employment |

### **JobPosition**

*Class in package 'codeBase'*

JobPosition

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| name : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) JobPosition | Target: Public (Class) Employment |

### **PhoneNumber**

*Class in package 'codeBase'*

PhoneNumber

Version 1.0 Phase 1.0 Proposed

NikolaB created on 08/03/2015. Last modified 08/03/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| number : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| type : Enum Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerContactDetails  Cardinality: [1] | Target: Public (Class) PhoneNumber  Cardinality: [0..\*] |

### **ProcessedTransactions**

*Class in package 'codeBase'*

ProcessedTransactions

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| dateProcessed : date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| documentID : FinancialDocument Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| transactionID : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) ProcessedTransactions | Target: Public (Class) FinancialDocument |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) ProcessedTransactions | Target: Public (Class) DTMTransactions «external entity» |

### **SalesPointAccountManager**

*Class in package 'codeBase'*

1. Poslovni partner mora biti na najnizem nivou hijerarhije (prodajno mesto)

2. Osoba mora biti komercijalista

SalesPointAccountManager

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

| **ATTRIBUTES** |
| --- |
| dateFrom : date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : date Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) SalesPointAccountManager |

### **TransactionType**

*Class in package 'codeBase'*

TransactionType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : Integer Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| type : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType | Target: Public (Class) DTMTransactions «external entity» |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

### **UnitOfMeasure**

*Class in package 'codeBase'*

UnitOfMeasure

Version 1.0 Phase 1.0 Proposed

Zlatko created on 08/02/2015. Last modified 29/03/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| name : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| shortName : String Private  [ Is static False. Containment is Not Specified. ] |
| unpackAllowed : boolean Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) UnitOfMeasure | Target: Public (Class) Article |

## **Article**

*Class in package 'Class Model'*

Article

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| description : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| unitOfMeasure : UnitOfMeasure Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Article | Target: Public (Class) FinancialDocumentDetails |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Service (Class) Article  Cardinality: [1] | Target: Public (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) UnitOfMeasure | Target: Public (Class) Article |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TransactionType  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Device | Target: Public (Class) Article |

## **BusinessPartner**

*Class in package 'Class Model'*

BusinessPartner

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 30/08/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| businessPartnerType : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| PIB : String Private  [ Is static False. Containment is Not Specified. ] |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) Article  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  salesPoint | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) DeviceOnPartnerLocation |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public ServiceProvider (Class) BusinessPartner  Cardinality: [1] | Target: Public DozvoljeneTransakcije (Class) BusinessPartnerServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public Point of Sale has (Class) BusinessPartner  Cardinality: [1] | Target: Public Is Allowed to (Class) POSRegisteredServices2  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public PointOfSale (Class) BusinessPartner  Cardinality: [1] | Target: Public (Class) POSRegisteredServices  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Bank | |
| Source: Public (Class) BusinessPartner | Target: Public (Class) BankAccounts |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BusinessPartnerDetails | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) FinancialDocument | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  detalji pripadaju partneru | |
| Source: Public id (Class) BusinessPartnerContactDetails | Target: Public idBusinessPartner (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Destination -> Source)  partner ima adresu | |
| Source: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] | Target: Public (Class) BusinessPartner  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  BelongsToPartner | |
| Source: Public (Class) BankAccounts | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) BankStatement | Target: Public (Class) BusinessPartner |

## **CodeBaseObject**

*Class in package 'Class Model'*

CodeBaseObject

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 29/03/2015

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from DocumentType to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Article to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from BusinessPartner to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |
| Generalization from Warehouse to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |
| Generalization from Territory to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| classifications : List<Clasification> Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : Date Private  [ Is static False. Containment is Not Specified. ] |
| descritpion : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| person : Person Private  [ Is static False. Containment is Not Specified. ] |
| superiorObject : CodeBase Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) CodeBaseObject | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Bi-Directional) | |
| Source: Public (Class) Classification  Cardinality: [0..\*] | Target: Public (Class) CodeBaseObject  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) CodeBaseObject | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) CodeBaseObject |

| **OPERATIONS** |
| --- |
| getclassifications () : List<Clasification> Public    Properties:  attribute\_name = classifications  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getdateEntry () : Date Public    Properties:  attribute\_name = dateEntry  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getdateValid () : Date Public    Properties:  attribute\_name = dateValid  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getid () : int Public    Properties:  attribute\_name = id  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getidPerson () : int Public    Properties:  attribute\_name = person  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getidSuperiorObject () : int Public    Properties:  attribute\_name = superiorObject  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| getname () : String Public    Properties:  attribute\_name = name  [ Stereotype is «property get». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setclassifications (newVal : List<Clasification> ) : void Public    Properties:  attribute\_name = classifications  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setdateEntry (newVal : Date ) : void Public    Properties:  attribute\_name = dateEntry  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setdateValid (newVal : Date ) : void Public    Properties:  attribute\_name = dateValid  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setid (newVal : int ) : void Public    Properties:  attribute\_name = id  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setidPerson (newVal : int ) : void Public    Properties:  attribute\_name = person  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setidSuperiorObject (newVal : int ) : void Public    Properties:  attribute\_name = superiorObject  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| setname (newVal : String ) : void Public    Properties:  attribute\_name = name  [ Stereotype is «property set». Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

## **Department**

*Class in package 'Class Model'*

Department

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| dateFrom : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateTo : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| name : String Private  [ Is static False. Containment is Not Specified. ] |
| superiorDepartment : Department Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Department |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department  Cardinality: [1] | Target: Public (Class) Warehouse  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department | Target: Public (Class) Department |

## **DocumentType**

*Class in package 'Class Model'*

DocumentType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 06/04/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from DocumentType to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| inputOutput : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| shortName : String Private  [ Is static False. Containment is Not Specified. ] |
| typeName : String Private  faktura, odobrenje, zaduzenje, prijemnica, potrosnica...  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) GeneratorTypeDetails | Target: Public (Class) DocumentType |

## **Person**

*Class in package 'Class Model'*

Person

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 22/02/2015

| **ATTRIBUTES** |
| --- |
| dateEntry : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| dateValid : Date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| defaultAddress : String Private  [ Is static False. Containment is Not Specified. ] |
| firstName : String Private  [ Is static False. Containment is Not Specified. ] |
| id : int Private  [ Is static False. Containment is Not Specified. ] |
| lastName : String Private  [ Is static False. Containment is Not Specified. ] |
| nationalNumber : String Private  JMBG kos nas...  [ Is static False. Containment is Not Specified. ] |
| password : String Private  [ Is static False. Containment is Not Specified. ] |
| username : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) Employment |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) SalesPointAccountManager |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) CodeBaseObject |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Person | Target: Public (Class) BusinessPartner |

## **PersonType**

*Class in package 'Class Model'*

PersonType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 01/02/2015

## **Territory**

*Class in package 'Class Model'*

Territory

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Territory to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| idTerritoryType : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Territory | Target: Public (Class) Warehouse |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public id (Class) Territory  Cardinality: [1] | Target: Public (Class) BusinessPartnerAddress  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public idTerritoryType (Class) TerritoryType  Cardinality: [1] | Target: Public id (Class) Territory  Cardinality: [0..\*] |

## **TerritoryType**

*Class in package 'Class Model'*

TerritoryType

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

| **ATTRIBUTES** |
| --- |
| id : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| typeName : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public idTerritoryType (Class) TerritoryType  Cardinality: [1] | Target: Public id (Class) Territory  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TerritoryType | Target: Public (Class) TerritoryType |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) TerritoryType | Target: Public (Class) TerritoryType |

## **Warehouse**

*Class in package 'Class Model'*

Warehouse

Version 1.0 Phase 1.0 Proposed

Zlatko created on 01/02/2015. Last modified 08/02/2015

Extends CodeBaseObject

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Warehouse to CodeBaseObject  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| location : Territory Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Department  Cardinality: [1] | Target: Public (Class) Warehouse  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Territory | Target: Public (Class) Warehouse |