

# Model Report

Version •



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# 1 Scarsefour

*Package in package "Scarsefour"*

Scarsefour  
Version 1.0 Phase 1.0 Proposed  
use created on 26/03/2021. Last modified 26/03/2021

## 1.1 Cicli di vita

*Package in package 'Scarsefour'*

Cicli di vita  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.1.1 Cicli di vita diagram

*Package diagram in package 'Cicli di vita'*

Cicli di vita  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 11/01/2019

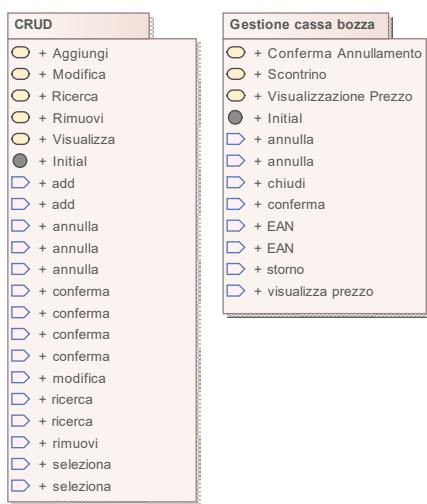


Figure 1: Cicli di vita

### 1.1.2 CRUD

*Package in package 'Cicli di vita'*

CRUD  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

### 1.1.3 Gestione cassa bozza

Package in package 'Cicli di vita'

Gestione cassa bozza  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 17/01/2019

### 1.1.4 CRUD

Package in package 'Cicli di vita'

CRUD  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.1 CRUD diagram

StateMachine diagram in package 'CRUD'

CRUD  
Version 1.0  
Luca Lezzerini created on 11/01/2019. Last modified 12/03/2021

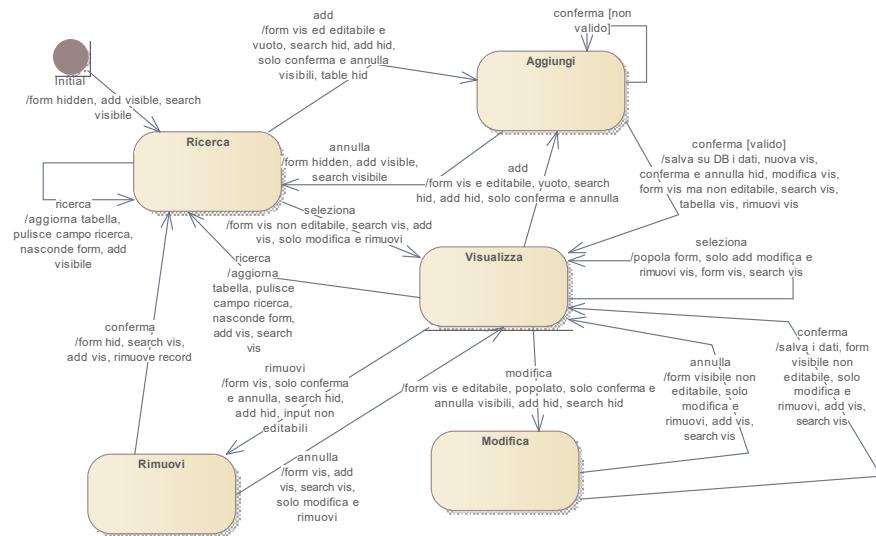


Figure 2: CRUD

### 1.1.4.2 Aggiungi

*State in package 'CRUD'*

Aggiungi  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS
<p>◆ Transition from Aggiungi to Aggiungi Guard: non valido</p> <p>Triggers: conferma</p>
<p>◆ Transition from Aggiungi to Ricerca Effect: form hidden, add visible, search visible</p> <p>Triggers: annulla</p>
<p>◆ Transition from Aggiungi to Visualizza Guard: valido Effect: salva su DB i dati, nuova vis, conferma e annulla hid, modifica vis, form vis ma non editable, search vis, tabella vis, rimuovi vis</p> <p>Triggers: conferma</p>

INCOMING BEHAVIORAL RELATIONSHIPS
<p>◆ Transition from Aggiungi to Aggiungi Guard: non valido</p> <p>Triggers: conferma</p>
<p>◆ Transition from Ricerca to Aggiungi Effect: form vis ed editable e vuoto, search hid, add hid, solo conferma e annulla visibili, table hid</p> <p>Triggers: add</p>
<p>◆ Transition from Visualizza to Aggiungi Effect: form vis e editable, vuoto, search hid, add hid, solo conferma e annulla</p> <p>Triggers: add</p>

### 1.1.4.3 Modifica

*State in package 'CRUD'*

Modifica  
Version 1.0 Phase 1.0 Proposed

**OUTGOING BEHAVIORAL RELATIONSHIPS**

↳ Transition from Modifica to Visualizza  
 Effect: salva i dati, form visibile non editabile, solo modifica e rimuovi, add vis, search vis

Triggers:  
 conferma

↳ Transition from Modifica to Visualizza  
 Effect: form visibile non editabile, solo modifica e rimuovi, add vis, search vis

Triggers:  
 annulla

**INCOMING BEHAVIORAL RELATIONSHIPS**

↪ Transition from Visualizza to Modifica  
 Effect: form vis e editabile, popolato, solo conferma e annulla visibili, add hid, search hid

Triggers:  
 modifica

**1.1.4.4 Ricerca**

*State in package 'CRUD'*

## Ricerca

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

**OUTGOING BEHAVIORAL RELATIONSHIPS**

↳ Transition from Ricerca to Visualizza  
 Effect: form vis non editabile, search vis, add vis, solo modifica e rimuovi

Triggers:  
 seleziona

↳ Transition from Ricerca to Aggiungi  
 Effect: form vis ed editabile e vuoto, search hid, add hid, solo conferma e annulla visibili, table hid

Triggers:  
 add

↳ Transition from Ricerca to Ricerca  
 Effect: aggiorna tabella, pulisce campo ricerca, nasconde form, add visible

Triggers:  
 ricerca

**INCOMING BEHAVIORAL RELATIONSHIPS**

↪ Transition from Initial to Ricerca  
 Effect: form hidden, add visible, search visible

INCOMING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Rimuovi to Ricerca Effect: form hid, search vis, add vis, rimuove record	Triggers: conferma
↳ Transition from Aggiungi to Ricerca Effect: form hidden, add visible, search visible	Triggers: annulla
↳ Transition from Ricerca to Ricerca Effect: aggiorna tabella, pulisce campo ricerca, nasconde form, add visible	Triggers: ricerca
↳ Transition from Visualizza to Ricerca Effect: aggiorna tabella, pulisce campo ricerca, nasconde form, add vis, search vis	Triggers: ricerca

### 1.1.4.5 Rimuovi

*State in package 'CRUD'*

Rimuovi  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Rimuovi to Ricerca Effect: form hid, search vis, add vis, rimuove record	Triggers: conferma
↳ Transition from Rimuovi to Visualizza Effect: form vis, add vis, search vis, solo modifica e rimuovi	Triggers: annulla
INCOMING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Visualizza to Rimuovi Effect: form vis, solo conferma e annulla, search hid, add hid, input non editabili	Triggers: rimuovi

### 1.1.4.6 Visualizza

*State in package 'CRUD'*

Visualizza

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS
<p>◀⇨ Transition from Visualizza to Modifica Effect: form vis e editable, popolato, solo conferma e annulla visibili, add hid, search hid</p> <p>Triggers: modifica</p>
<p>◀⇨ Transition from Visualizza to Visualizza Effect: popola form, solo add modifica e rimuovi vis, form vis, search vis</p> <p>Triggers: seleziona</p>
<p>◀⇨ Transition from Visualizza to Aggiungi Effect: form vis e editable, vuoto, search hid, add hid, solo conferma e annulla</p> <p>Triggers: add</p>
<p>◀⇨ Transition from Visualizza to Rimuovi Effect: form vis, solo conferma e annulla, search hid, add hid, input non editabili</p> <p>Triggers: rimuovi</p>
<p>◀⇨ Transition from Visualizza to Ricerca Effect: aggiorna tabella, pulisce campo ricerca, nasconde form, add vis, search vis</p> <p>Triggers: ricerca</p>

INCOMING BEHAVIORAL RELATIONSHIPS
<p>⇨ Transition from Ricerca to Visualizza Effect: form vis non editabile, search vis, add vis, solo modifica e rimuovi</p> <p>Triggers: seleziona</p>
<p>⇨ Transition from Visualizza to Visualizza Effect: popola form, solo add modifica e rimuovi vis, form vis, search vis</p> <p>Triggers: seleziona</p>
<p>⇨ Transition from Modifica to Visualizza Effect: salva i dati, form visibile non editabile, solo modifica e rimuovi, add vis, search vis</p> <p>Triggers: conferma</p>

INCOMING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Rimuovi to Visualizza Effect: form vis, add vis, search vis, solo modifica e rimuovi	Triggers: annulla
↳ Transition from Modifica to Visualizza Effect: form visibile non editabile, solo modifica e rimuovi, add vis, search vis	Triggers: annulla
↳ Transition from Aggiungi to Visualizza Guard: valido Effect: salva su DB i dati, nuova vis, conferma e annulla hid, modifica vis, form vis ma non editabile, search vis, tabella vis, rimuovi vis	Triggers: conferma

#### 1.1.4.7 add

Trigger in package 'CRUD'

add  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.8 add

Trigger in package 'CRUD'

add  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.9 annulla

Trigger in package 'CRUD'

annulla  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.10 annulla

Trigger in package 'CRUD'

annulla  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.11 annulla

*Trigger in package 'CRUD'*

annulla  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.12 conferma

*Trigger in package 'CRUD'*

conferma  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.13 conferma

*Trigger in package 'CRUD'*

conferma  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.14 conferma

*Trigger in package 'CRUD'*

conferma  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.15 conferma

*Trigger in package 'CRUD'*

conferma  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

#### 1.1.4.16 Initial

*Initial State in package 'CRUD'*

OUTGOING BEHAVIORAL RELATIONSHIPS
↳ Transition from Initial to Ricerca Effect: form hidden, add visible, search visible

**1.1.4.17 modifica***Trigger in package 'CRUD'*

modifica

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

**1.1.4.18 ricerca***Trigger in package 'CRUD'*

ricerca

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

**1.1.4.19 ricerca***Trigger in package 'CRUD'*

ricerca

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

**1.1.4.20 rimuovi***Trigger in package 'CRUD'*

rimuovi

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

**1.1.4.21 seleziona***Trigger in package 'CRUD'*

seleziona

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 11/01/2019. Last modified 11/01/2019

**1.1.4.22 seleziona***Trigger in package 'CRUD'*

seleziona

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 14/01/2019. Last modified 14/01/2019

## 1.1.5 Gestione cassa

Package in package 'Cicli di vita'

Gestione cassa  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.1 Gestione cassa diagram

StateMachine diagram in package 'Gestione cassa'

Gestione cassa  
Version 1.0

Luca Lezzerini created on 15/01/2019. Last modified 22/03/2021

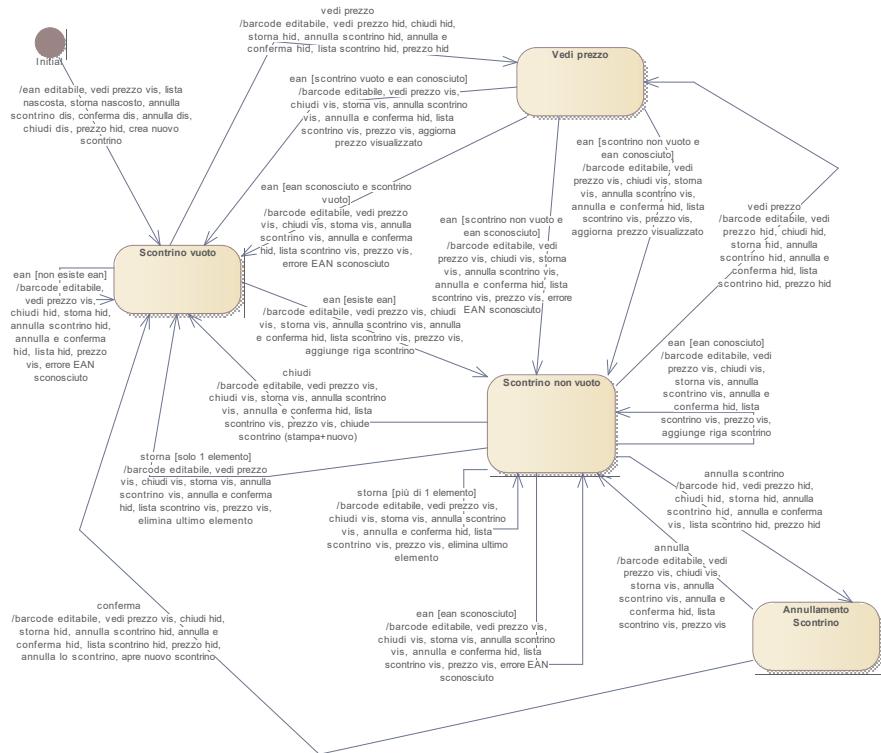


Figure 3: Gestione cassa

### 1.1.5.2 Progetto Automa Gestione Cassa

Package in package 'Gestione cassa'

### 1.1.5.2.1 Progetto Automa Gestione Cassa diagram

*Class diagram in package 'Progetto Automa Gestione Cassa'*

Progetto Automa Gestione Cassa  
 Version 1.0  
 Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

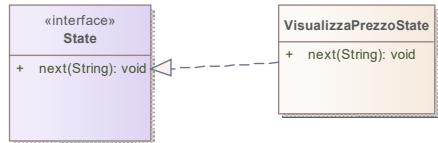


Figure 4: Progetto Automa Gestione Cassa

### 1.1.5.2.2 VisualizzaPrezzoState

*Class in package 'Progetto Automa Gestione Cassa'*

VisualizzaPrezzoState  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

OUTGOING STRUCTURAL RELATIONSHIPS	
↳ Realization from VisualizzaPrezzoState to State	[ Direction is 'Source -> Destination'. ]
OPERATIONS	
<span style="color: #990000;">◆</span> next (evento : String ) : void Public Properties: Implements = State.next ImplementsGuid = {0FA8F754-C4A4-49cf-B6FC-FC05FD1E109C} [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]	

### 1.1.5.2.3 State

*Interface in package 'Progetto Automa Gestione Cassa'*

State  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

INCOMING STRUCTURAL RELATIONSHIPS
-----------------------------------

INCOMING STRUCTURAL RELATIONSHIPS	
→ Realization from VisualizzaPrezzoState to State	[ Direction is 'Source -> Destination'. ]

OPERATIONS	
❖ next (evento : String) : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

### 1.1.5.3 Annullo Scontrino

State in package 'Gestione cassa'

Annullo Scontrino  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS	
❖ Transition from Annullo Scontrino to Scontrino vuoto	Effect: barcode editabile, vedi prezzo vis, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista scontrino hid, prezzo hid, annulla lo scontrino, apre nuovo scontrino
Triggers:	conferma

❖ Transition from Annullo Scontrino to Scontrino non vuoto	Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis
Triggers:	annulla

INCOMING BEHAVIORAL RELATIONSHIPS	
❖ Transition from Scontrino non vuoto to Annullo Scontrino	Effect: barcode hid, vedi prezzo hid, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma vis, lista scontrino hid, prezzo hid
Triggers:	annulla scontrino

### 1.1.5.4 Scontrino non vuoto

State in package 'Gestione cassa'

Scontrino non vuoto  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS	
❖ Transition from Scontrino non vuoto to Vedi prezzo	Effect: barcode editabile, vedi prezzo hid, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista

OUTGOING BEHAVIORAL RELATIONSHIPS	
scontrino hid, prezzo hid	
Triggers:	
vedi prezzo	
◆ Transition from Scontrino non vuoto to Scontrino vuoto	
Guard: solo 1 elemento	
Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, elimina ultimo elemento	
Triggers:	
storna	
◆ Transition from Scontrino non vuoto to Annullamento Scontrino	
Effect: barcode hid, vedi prezzo hid, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma vis, lista scontrino hid, prezzo hid	
Triggers:	
annulla scontrino	
◆ Transition from Scontrino non vuoto to Scontrino non vuoto	
Guard: ean sconosciuto	
Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, errore EAN sconosciuto	
Triggers:	
ean	
◆ Transition from Scontrino non vuoto to Scontrino vuoto	
Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, chiude scontrino (stampa+nuovo)	
Triggers:	
chiudi	
◆ Transition from Scontrino non vuoto to Scontrino non vuoto	
Guard: ean conosciuto	
Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiunge riga scontrino	
Triggers:	
ean	
◆ Transition from Scontrino non vuoto to Scontrino non vuoto	
Guard: più di 1 elemento	
Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, elimina ultimo elemento	
Triggers:	
storna	

INCOMING BEHAVIORAL RELATIONSHIPS	
◆ Transition from Vedi prezzo to Scontrino non vuoto	
Guard: scontrino non vuoto e ean sconosciuto	
Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, errore EAN sconosciuto	
Triggers:	
ean	

INCOMING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Vedi prezzo to Scontrino non vuoto	Guard: scontrino non vuoto e ean conosciuto Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiorna prezzo visualizzato
Triggers:	ean
↳ Transition from Scontrino vuoto to Scontrino non vuoto	Guard: esiste ean Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiunge riga scontrino
Triggers:	ean
↳ Transition from Scontrino non vuoto to Scontrino non vuoto	Guard: ean sconosciuto Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, errore EAN sconosciuto
Triggers:	ean
↳ Transition from Annullamento Scontrino to Scontrino non vuoto	Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis
Triggers:	annulla
↳ Transition from Scontrino non vuoto to Scontrino non vuoto	Guard: ean conosciuto Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiunge riga scontrino
Triggers:	ean
↳ Transition from Scontrino non vuoto to Scontrino non vuoto	Guard: più di 1 elemento Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, elimina ultimo elemento
Triggers:	storna

### 1.1.5.5 Scontrino vuoto

State in package 'Gestione cassa'

Scontrino vuoto  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS	
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OUTGOING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Scontrino vuoto to Vedi prezzo	Effect: barcode editabile, vedi prezzo hid, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista scontrino hid, prezzo hid
Triggers: vedi prezzo	
↳ Transition from Scontrino vuoto to Scontrino non vuoto	Guard: esiste ean Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiunge riga scontrino
Triggers: ean	
↳ Transition from Scontrino vuoto to Scontrino vuoto	Guard: non esiste ean Effect: barcode editabile, vedi prezzo vis, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista hid, prezzo vis, errore EAN sconosciuto
Triggers: ean	
INCOMING BEHAVIORAL RELATIONSHIPS	
↗ Transition from Scontrino non vuoto to Scontrino vuoto	Guard: solo 1 elemento Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, elimina ultimo elemento
Triggers: storna	
↗ Transition from Annullo Scontrino to Scontrino vuoto	Effect: barcode editabile, vedi prezzo vis, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista scontrino hid, prezzo hid, annulla lo scontrino, apre nuovo scontrino
Triggers: conferma	
↗ Transition from Scontrino non vuoto to Scontrino vuoto	Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, chiude scontrino (stampa+nuovo)
Triggers: chiudi	
↗ Transition from Initial to Scontrino vuoto	Effect: ean editabile, vedi prezzo vis, lista nascosta, storna nascosto, annulla scontrino dis, conferma dis, annulla dis, chiudi dis, prezzo hid, crea nuovo scontrino
↗ Transition from Vedi prezzo to Scontrino vuoto	Guard: ean sconosciuto e scontrino vuoto Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, errore EAN sconosciuto
Triggers: ean	

INCOMING BEHAVIORAL RELATIONSHIPS	
<p>◆ Transition from Vedi prezzo to Scontrino vuoto  Guard: scontrino vuoto e ean conosciuto  Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiorna prezzo visualizzato</p> <p>Triggers: ean</p>	
<p>◆ Transition from Scontrino vuoto to Scontrino vuoto  Guard: non esiste ean  Effect: barcode editabile, vedi prezzo vis, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista hid, prezzo vis, errore EAN sconosciuto</p> <p>Triggers: ean</p>	

### 1.1.5.6 Vedi prezzo

State in package 'Gestione cassa'

Vedi prezzo  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS	
<p>◆ Transition from Vedi prezzo to Scontrino non vuoto  Guard: scontrino non vuoto e ean conosciuto  Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, errore EAN sconosciuto</p> <p>Triggers: ean</p>	
<p>◆ Transition from Vedi prezzo to Scontrino vuoto  Guard: scontrino non vuoto e ean conosciuto  Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiorna prezzo visualizzato</p> <p>Triggers: ean</p>	
<p>◆ Transition from Vedi prezzo to Scontrino vuoto  Guard: ean sconosciuto e scontrino vuoto  Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, errore EAN sconosciuto</p> <p>Triggers: ean</p>	
<p>◆ Transition from Vedi prezzo to Scontrino vuoto  Guard: scontrino vuoto e ean conosciuto  Effect: barcode editabile, vedi prezzo vis, chiudi vis, storna vis, annulla scontrino vis, annulla e conferma hid, lista scontrino vis, prezzo vis, aggiorna prezzo visualizzato</p>	

OUTGOING BEHAVIORAL RELATIONSHIPS
Triggers: ean
INCOMING BEHAVIORAL RELATIONSHIPS
↳ Transition from Scontrino non vuoto to Vedi prezzo Effect: barcode editabile, vedi prezzo hid, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista scontrino hid, prezzo hid  Triggers: vedi prezzo
↳ Transition from Scontrino vuoto to Vedi prezzo Effect: barcode editabile, vedi prezzo hid, chiudi hid, storna hid, annulla scontrino hid, annulla e conferma hid, lista scontrino hid, prezzo hid  Triggers: vedi prezzo

### 1.1.5.7 annulla

Trigger in package 'Gestione cassa'

annulla  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.8 annulla scontrino

Trigger in package 'Gestione cassa'

annulla scontrino  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.9 chiudi

Trigger in package 'Gestione cassa'

chiudi  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.10 conferma

Trigger in package 'Gestione cassa'

conferma  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

**1.1.5.11 ean***Trigger in package 'Gestione cassa'*

ean

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

**1.1.5.12 ean***Trigger in package 'Gestione cassa'*

ean

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

**1.1.5.13 ean***Trigger in package 'Gestione cassa'*

ean

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

**1.1.5.14 ean***Trigger in package 'Gestione cassa'*

ean

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

**1.1.5.15 ean***Trigger in package 'Gestione cassa'*

ean

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

**1.1.5.16 ean***Trigger in package 'Gestione cassa'*

ean

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

**1.1.5.17 ean***Trigger in package 'Gestione cassa'*

ean  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.18 ean

*Trigger in package 'Gestione cassa'*

ean  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.19 Initial

*Initial State in package 'Gestione cassa'*

#### OUTGOING BEHAVIORAL RELATIONSHIPS

- ↳ Transition from Initial to Scontrino vuoto  
Effect: ean editabile, vedi prezzo vis, lista nascosta, storna nascosto, annulla scontrino dis, conferma dis, annulla dis, chiudi dis, prezzo hid, crea nuovo scontrino

### 1.1.5.20 storna

*Trigger in package 'Gestione cassa'*

storna  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.21 storna

*Trigger in package 'Gestione cassa'*

storna  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.22 vedi prezzo

*Trigger in package 'Gestione cassa'*

vedi prezzo  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

### 1.1.5.23 vedi prezzo

*Trigger in package 'Gestione cassa'*

[vedi prezzo](#)Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019

## 1.1.6 Gestione cassa bozza

Package in package 'Cicli di vita'

Gestione cassa bozza  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 17/01/2019

### 1.1.6.1 Gestione cassa diagram

StateMachine diagram in package 'Gestione cassa bozza'

Gestione cassa  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 17/01/2019

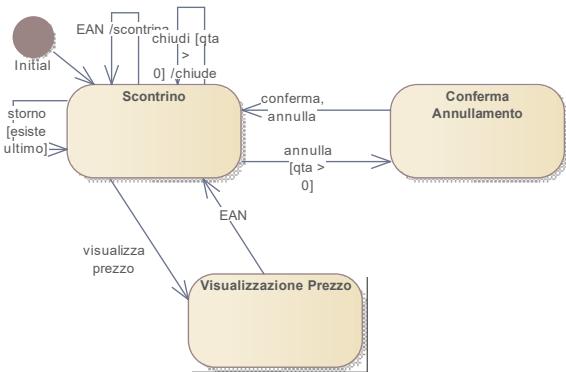


Figure 5: Gestione cassa

### 1.1.6.2 Conferma Annullamento

State in package 'Gestione cassa bozza'

Conferma Annullamento  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS
<p>◆ Transition from Conferma Annullamento to Scontrino</p> <p>Triggers: conferma annulla</p>
INCOMING BEHAVIORAL RELATIONSHIPS
<p>◆ Transition from Scontrino to Conferma Annullamento Guard: qta &gt; 0</p>

**INCOMING BEHAVIORAL RELATIONSHIPS**

Triggers:  
annulla

**1.1.6.3 Scontrino**

*State in package 'Gestione cassa bozza'*

Scontrino

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**OUTGOING BEHAVIORAL RELATIONSHIPS**

↳ Transition from Scontrino to Scontrino  
Guard: qta > 0  
Effect: chiude

Triggers:  
chiudi

↳ Transition from Scontrino to Scontrino  
Effect: scontrina

Triggers:  
EAN

↳ Transition from Scontrino to Conferma Annullamento  
Guard: qta > 0

Triggers:  
annulla

↳ Transition from Scontrino to Scontrino  
Guard: esiste ultimo

Triggers:  
storno

↳ Transition from Scontrino to Visualizzazione Prezzo

Triggers:  
visualizza prezzo

**INCOMING BEHAVIORAL RELATIONSHIPS**

↗ Transition from Visualizzazione Prezzo to Scontrino

Triggers:  
EAN

↗ Transition from Scontrino to Scontrino  
Guard: qta > 0  
Effect: chiude

Triggers:  
chiudi

INCOMING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Scontrino to Scontrino Effect: scontrina	Triggers: EAN
↳ Transition from Scontrino to Scontrino Guard: esiste ultimo	Triggers: storno
↳ Transition from Initial to Scontrino	
↳ Transition from Conferma Annullamento to Scontrino  Triggers: conferma annulla	

#### 1.1.6.4 Visualizzazione Prezzo

State in package 'Gestione cassa bozza'

Visualizzazione Prezzo  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

OUTGOING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Visualizzazione Prezzo to Scontrino  Triggers: EAN	

INCOMING BEHAVIORAL RELATIONSHIPS	
↳ Transition from Scontrino to Visualizzazione Prezzo  Triggers: visualizza prezzo	

#### 1.1.6.5 annulla

Trigger in package 'Gestione cassa bozza'

annulla  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.1.6.6 annulla

Trigger in package 'Gestione cassa bozza'

annulla

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.1.6.7 chiudi

Trigger in package 'Gestione cassa bozza'

chiudi

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.1.6.8 conferma

Trigger in package 'Gestione cassa bozza'

conferma

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.1.6.9 EAN

Trigger in package 'Gestione cassa bozza'

EAN

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.1.6.10 EAN

Trigger in package 'Gestione cassa bozza'

EAN

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.1.6.11 Initial

Initial State in package 'Gestione cassa bozza'

OUTGOING BEHAVIORAL RELATIONSHIPS
↳ Transition from Initial to Scontrino

### 1.1.6.12 storno

Trigger in package 'Gestione cassa bozza'

storno

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019**1.1.6.13 visualizza prezzo***Trigger in package 'Gestione cassa bozza'*

visualizza prezzo

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

## 1.2 Pianificazione

*Package in package 'Scarsefour'*

Pianificazione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

### 1.2.1 Pianificazione diagram

*Class diagram in package 'Pianificazione'*

Pianificazione  
Version 1.0  
Luca Lezzerini created on 21/12/2018. Last modified 11/01/2019



Figure 6: Pianificazione

### 1.2.2 Team "Anglia"

*Class in package 'Pianificazione'*

Team "Anglia"  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

ATTRIBUTES
◆ Carbonetti : int Private [ Is static True. Containment is Not Specified. ]
◆ Toma : int Private [ Is static True. Containment is Not Specified. ]
◆ Tosti : int Private [ Is static True. Containment is Not Specified. ]

### 1.2.3 Team "Gallia"

*Class in package 'Pianificazione'*

Team "Gallia"  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

ATTRIBUTES	
◆ Loddo : int Private	[ Is static True. Containment is Not Specified. ]
◆ Giovannucci : int Private	[ Is static True. Containment is Not Specified. ]
◆ Di Biase : int Private	[ Is static True. Containment is Not Specified. ]

## 1.2.4 Team "Hispania"

Class in package 'Pianificazione'

Team "Hispania"  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

ATTRIBUTES	
◆ Portieri : int Private	[ Is static True. Containment is Not Specified. ]
◆ Cappelli : int Private	[ Is static True. Containment is Not Specified. ]
◆ Cori : int Private	[ Is static True. Containment is Not Specified. ]

## 1.2.5 Team "Numidia"

Class in package 'Pianificazione'

Team "Numidia"  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

ATTRIBUTES	
◆ De Santis : int Private	[ Is static True. Containment is Not Specified. ]
◆ Gabriele : int Private	[ Is static True. Containment is Not Specified. ]
◆ Aveni : int Private	[ Is static True. Containment is Not Specified. ]
◆ Ristaino : int Private	[ Is static True. Containment is Not Specified. ]

ATTRIBUTES

## 1.3 Casi d'uso

Package in package 'Scarsefour'

Casi d'uso  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

### 1.3.1 Casi d'uso diagram

Package diagram in package 'Casi d'uso'

Casi d'uso  
Version 1.0  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

Figure 7: Casi d'uso

## 1.3.2 Aree generali

Package in package 'Casi d'uso'

Aree generali  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.3.2.1 Aree generali diagram

Use Case diagram in package 'Aree generali'

Aree generali  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 18/03/2021

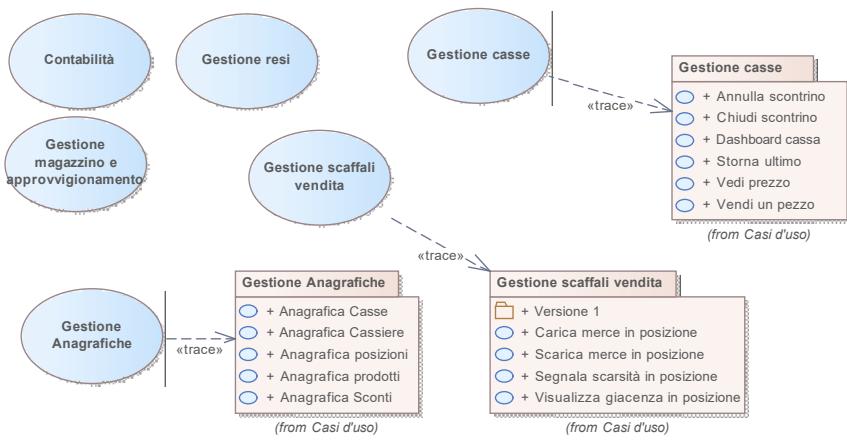


Figure 8: Aree generali

### 1.3.2.2 Gestione Anagrafiche

Package in package 'Casi d'uso'

Gestione Anagrafiche  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### CONNECTORS

↗ Trace «trace» Source -> Destination  
From: Gestione Anagrafiche : UseCase, Public  
To: Gestione Anagrafiche : Package, Public

### 1.3.2.3 Gestione casse

Package in package 'Casi d'uso'

Gestione casse  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### CONNECTORS

↗ Trace «trace» Source -> Destination  
From: Gestione casse : UseCase, Public  
To: Gestione casse : Package, Public

### 1.3.2.4 Gestione scaffali vendita

Package in package 'Casi d'uso'

Gestione scaffali vendita

**CONNECTORS**

↗ Trace «trace» Source -> Destination  
From: Gestione scaffali vendita : UseCase, Public  
To: Gestione scaffali vendita : Package, Public

**1.3.2.5 Contabilità***UseCase in package 'Aree generali'*

## Contabilità

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019**1.3.2.6 Gestione Anagrafiche***UseCase in package 'Aree generali'*

## Gestione Anagrafiche

Version 1.0 Phase 1.0 Proposed  
use created on 18/03/2021. Last modified 18/03/2021**CONNECTORS**

↗ Trace «trace» Source -> Destination  
From: Gestione Anagrafiche : UseCase, Public  
To: Gestione Anagrafiche : Package, Public

**1.3.2.7 Gestione casse***UseCase in package 'Aree generali'*

## Gestione casse

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019**CONNECTORS**

↗ Trace «trace» Source -> Destination  
From: Gestione casse : UseCase, Public  
To: Gestione casse : Package, Public

**1.3.2.8 Gestione magazzino e approvvigionamento***UseCase in package 'Aree generali'*

Gestione magazzino e approvvigionamento  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.3.2.9 Gestione resi

UseCase in package 'Aree generali'

Gestione resi  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.3.2.10 Gestione scaffali vendita

UseCase in package 'Aree generali'

Gestione scaffali vendita  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### CONNECTORS

↗ Trace «trace»    Source -> Destination  
From:    Gestione scaffali vendita : UseCase, Public  
To:        Gestione scaffali vendita : Package, Public

### 1.3.3 Attori

*Package in package 'Casi d'uso'*

Attori  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### 1.3.3.1 Attori diagram

*Use Case diagram in package 'Attori'*

Attori  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

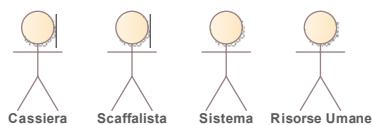


Figure 9: Attori

#### 1.3.3.2 Cassiera

*Actor in package 'Attori'*

Cassiera  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ASSOCIATIONS	
Association (direction: Unspecified)	
Source: Public (Actor) Cassiera	Target: Public (UseCase) Dashboard cassa

#### 1.3.3.3 Risorse Umane

*Actor in package 'Attori'*

Risorse Umane  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ASSOCIATIONS	
Association (direction: Unspecified)	
Source: Public (Actor) Risorse Umane	Target: Public (UseCase) Anagrafica Cassiere

ASSOCIATIONS	
/ Association (direction: Unspecified)	
Source: Public (Actor) Risorse Umane	Target: Public (UseCase) Anagrafica Casse

#### 1.3.3.4 Scaffalista

*Actor in package 'Attori'*

Scaffalista  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ASSOCIATIONS	
/ Association (direction: Unspecified)	
Source: Public (Actor) Scaffalista	Target: Public (UseCase) Dashboard

#### 1.3.3.5 Sistema

*Actor in package 'Attori'*

Sistema  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ASSOCIATIONS	
/ Association (direction: Unspecified)	
Source: Public (Actor) Sistema	Target: Public (UseCase) Aggiorna quantità su posizione

### 1.3.4 Gestione Anagrafiche

Package in package 'Casi d'uso'

Gestione Anagrafiche  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### LINKS TO OTHER PACKAGES

Trace from 'Gestione Anagrafiche' UseCase to 'Gestione Anagrafiche' Package	Direction: Source -> Destination
---	----------------------------------

#### 1.3.4.1 Gestione Anagrafiche diagram

Use Case diagram in package 'Gestione Anagrafiche'

Gestione Anagrafiche  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 18/03/2021

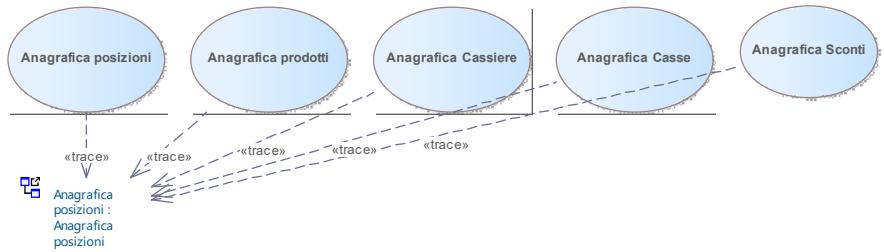


Figure 10: Gestione Anagrafiche

#### 1.3.4.2 Anagrafica posizioni : Anagrafica posizioni

Text in package 'Gestione Anagrafiche'

Anagrafica posizioni : Anagrafica posizioni

Anagrafica posizioni : Anagrafica posizioni  
Version 1.0 Phase 1.0 Proposed  
use created on 18/03/2021. Last modified 18/03/2021  
Extends

#### CONNECTORS

Trace «trace» Source -> Destination
From: Anagrafica Sconti : UseCase, Public To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

Trace «trace» Source -> Destination
From: Anagrafica prodotti : UseCase, Public To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

CONNECTORS	
↗ Trace «trace» Source -> Destination	
From:	Anagrafica posizioni : UseCase, Public
To:	Anagrafica posizioni : Anagrafica posizioni : Text, Public
↗ Trace «trace» Source -> Destination	
From:	Anagrafica Casse : UseCase, Public
To:	Anagrafica posizioni : Anagrafica posizioni : Text, Public
↗ Trace «trace» Source -> Destination	
From:	Anagrafica Cassiere : UseCase, Public
To:	Anagrafica posizioni : Anagrafica posizioni : Text, Public

### 1.3.4.3 Anagrafica Casse

UseCase in package 'Gestione Anagrafiche'

Anagrafica Casse  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

CONNECTORS	
↗ Trace «trace» Source -> Destination	
From:	Anagrafica Casse : UseCase, Public
To:	Anagrafica posizioni : Anagrafica posizioni : Text, Public

ASSOCIATIONS	
↗ Association (direction: Unspecified)	
Source: Public (Actor) Risorse Umane	Target: Public (UseCase) Anagrafica Casse

### 1.3.4.4 Anagrafica Cassiere

UseCase in package 'Gestione Anagrafiche'

Anagrafica Cassiere  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

CONNECTORS	
↗ Trace «trace» Source -> Destination	
From:	Anagrafica Cassiere : UseCase, Public
To:	Anagrafica posizioni : Anagrafica posizioni : Text, Public

ASSOCIATIONS	

**ASSOCIATIONS** Association (direction: Unspecified)

Source: Public (Actor) Risorse Umane

Target: Public (UseCase) Anagrafica Cassiere

**1.3.4.5 Anagrafica posizioni***UseCase in package 'Gestione Anagrafiche'*

Anagrafica posizioni

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**CONNECTORS** Trace «trace» Source -> Destination

From: Anagrafica posizioni : UseCase, Public

To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

**1.3.4.6 Anagrafica prodotti***UseCase in package 'Gestione Anagrafiche'*

Anagrafica prodotti

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**CONNECTORS** Trace «trace» Source -> Destination

From: Anagrafica prodotti : UseCase, Public

To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

**1.3.4.7 Anagrafica Sconti***UseCase in package 'Gestione Anagrafiche'*

Anagrafica Sconti

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 13/05/2019. Last modified 13/05/2019

**CONNECTORS** Trace «trace» Source -> Destination

From: Anagrafica Sconti : UseCase, Public

To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

### 1.3.5 Gestione casse

Package in package 'Casi d'uso'

Gestione casse  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### LINKS TO OTHER PACKAGES

Trace from 'Gestione casse' UseCase to 'Gestione casse'  
Package

Direction: Source -> Destination

#### 1.3.5.1 Gestione casse diagram

Use Case diagram in package 'Gestione casse'

Gestione casse  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 09/05/2019

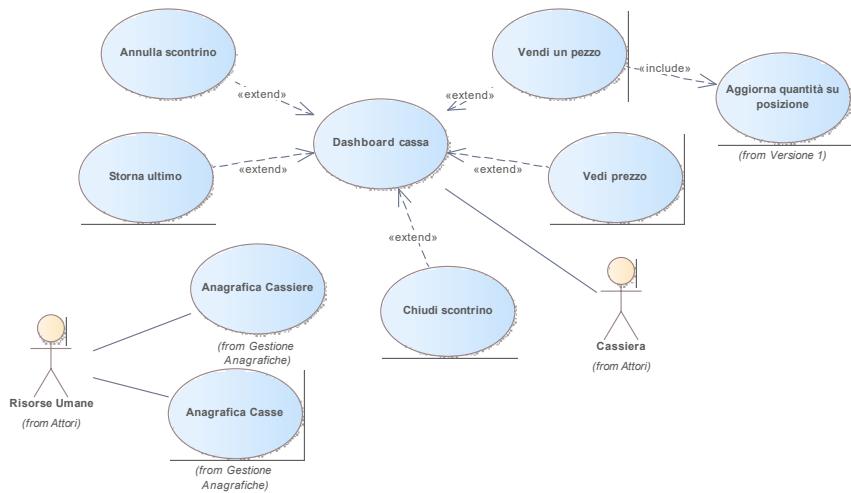


Figure 11: Gestione casse

#### 1.3.5.2 Anagrafica Casse

UseCase in package 'Gestione Anagrafiche'

Anagrafica Casse  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### CONNECTORS

**CONNECTORS**

↗ Trace «trace» Source -> Destination  
From: Anagrafica Casse : UseCase, Public  
To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

**ASSOCIATIONS**

↙ Association (direction: Unspecified)  
Source: Public (Actor) Risorse Umane Target: Public (UseCase) Anagrafica Casse

### 1.3.5.3 Anagrafica Cassiere

UseCase in package 'Gestione Anagrafiche'

Anagrafica Cassiere  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**CONNECTORS**

↗ Trace «trace» Source -> Destination  
From: Anagrafica Cassiere : UseCase, Public  
To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

**ASSOCIATIONS**

↙ Association (direction: Unspecified)  
Source: Public (Actor) Risorse Umane Target: Public (UseCase) Anagrafica Cassiere

### 1.3.5.4 Aggiorna quantità su posizione

UseCase in package 'Versione I'

Aggiorna quantità su posizione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**CONNECTORS**

↗ Include «include» Source -> Destination  
From: Vendi un pezzo : UseCase, Public  
To: Aggiorna quantità su posizione : UseCase, Public

**ASSOCIATIONS**

↙ Association (direction: Unspecified)  
Source: Public (Actor) Sistema Target: Public (UseCase) Aggiorna quantità su posizione

### 1.3.5.5 Cassiera

*Actor in package 'Attori'*

Cassiera  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ASSOCIATIONS	
/ Association (direction: Unspecified)	
Source: Public (Actor) Cassiera	Target: Public (UseCase) Dashboard cassa

### 1.3.5.6 Risorse Umane

*Actor in package 'Attori'*

Risorse Umane  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ASSOCIATIONS	
/ Association (direction: Unspecified)	
Source: Public (Actor) Risorse Umane	Target: Public (UseCase) Anagrafica Cassiere
/ Association (direction: Unspecified)	
Source: Public (Actor) Risorse Umane	Target: Public (UseCase) Anagrafica Casse

### 1.3.5.7 Annulla scontrino

*UseCase in package 'Gestione casse'*

Annulla scontrino  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

CONNECTORS	
/ Extend «extend» Source -> Destination From: Annulla scontrino : UseCase, Public To: Dashboard cassa : UseCase, Public	

### 1.3.5.8 Chiudi scontrino

*UseCase in package 'Gestione casse'*

Chiudi scontrino  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### CONNECTORS

↗ Extend «extend» Source -> Destination  
From: Chiudi scontrino : UseCase, Public  
To: Dashboard cassa : UseCase, Public

### 1.3.5.9 Dashboard cassa

UseCase in package 'Gestione casse'

Dashboard cassa  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### CONNECTORS

↗ Extend «extend» Source -> Destination  
From: Annulla scontrino : UseCase, Public  
To: Dashboard cassa : UseCase, Public

↗ Extend «extend» Source -> Destination  
From: Chiudi scontrino : UseCase, Public  
To: Dashboard cassa : UseCase, Public

↗ Extend «extend» Source -> Destination  
From: Storna ultimo : UseCase, Public  
To: Dashboard cassa : UseCase, Public

↗ Extend «extend» Source -> Destination  
From: Vedi prezzo : UseCase, Public  
To: Dashboard cassa : UseCase, Public

↗ Extend «extend» Source -> Destination  
From: Vendì un pezzo : UseCase, Public  
To: Dashboard cassa : UseCase, Public

#### ASSOCIATIONS

↙ Association (direction: Unspecified)

Source: Public (Actor) Cassiera

Target: Public (UseCase) Dashboard cassa

### 1.3.5.10 Storna ultimo

UseCase in package 'Gestione casse'

Storna ultimo  
Version 1.0 Phase 1.0 Proposed

**CONNECTORS**

↗ Extend «extend» Source -> Destination  
From: Storna ultimo : UseCase, Public  
To: Dashboard cassa : UseCase, Public

**1.3.5.11 Vedi prezzo***UseCase in package 'Gestione casse'*

Vedi prezzo

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**CONNECTORS**

↗ Extend «extend» Source -> Destination  
From: Vedi prezzo : UseCase, Public  
To: Dashboard cassa : UseCase, Public

**1.3.5.12 Vendì un pezzo***UseCase in package 'Gestione casse'*

Vendi un pezzo

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**CONNECTORS**

↗ Include «include» Source -> Destination  
From: Vendì un pezzo : UseCase, Public  
To: Aggiorna quantità su posizione : UseCase, Public

↗ Extend «extend» Source -> Destination  
From: Vendì un pezzo : UseCase, Public  
To: Dashboard cassa : UseCase, Public

## 1.3.6 Gestione scaffali vendita

Package in package 'Casi d'uso'

Gestione scaffali vendita  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### LINKS TO OTHER PACKAGES

Trace from 'Gestione scaffali vendita' UseCase to 'Gestione scaffali vendita' Package	Direction: Source -> Destination
---	----------------------------------

### 1.3.6.1 Gestione scaffali vendita diagram

Use Case diagram in package 'Gestione scaffali vendita'

Gestione scaffali vendita  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 09/05/2019

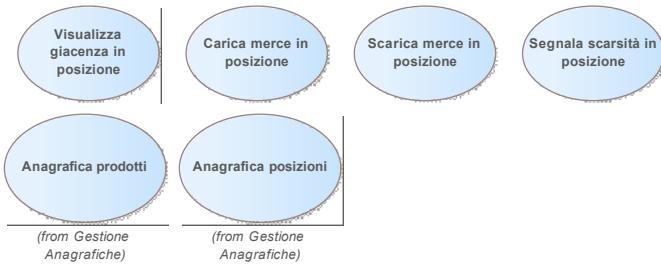


Figure 12: Gestione scaffali vendita

### 1.3.6.2 Anagrafica posizioni

UseCase in package 'Gestione Anagrafiche'

Anagrafica posizioni  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### CONNECTORS

Trace «trace» Source -> Destination
From: Anagrafica posizioni : UseCase, Public
To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

### 1.3.6.3 Anagrafica prodotti

UseCase in package 'Gestione Anagrafiche'

Anagrafica prodotti  
Version 1.0 Phase 1.0 Proposed

**CONNECTORS**

↗ Trace «trace» Source -> Destination  
 From: Anagrafica prodotti : UseCase, Public  
 To: Anagrafica posizioni : Anagrafica posizioni : Text, Public

**1.3.6.4 Versione 1**

*Package in package 'Gestione scaffali vendita'*

Versione 1  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**1.3.6.4.1 Versione 1 diagram**

*Use Case diagram in package 'Versione 1'*

Versione 1  
 Version 1.0  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

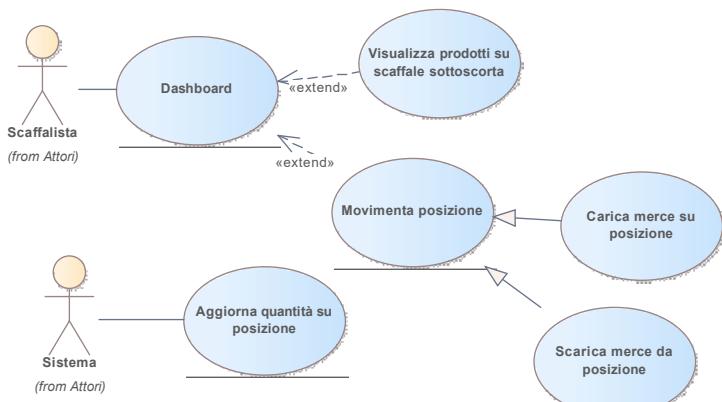


Figure 13: Versione 1

**1.3.6.4.2 Scaffalista**

*Actor in package 'Attori'*

Scaffalista  
 Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**ASSOCIATIONS**

Association (direction: Unspecified)

Source: Public (Actor) Scaffalista

Target: Public (UseCase) Dashboard

**1.3.6.4.3 Sistema***Actor in package 'Attori'*

Sistema

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**ASSOCIATIONS**

Association (direction: Unspecified)

Source: Public (Actor) Sistema

Target: Public (UseCase) Aggiorna quantità su  
posizione**1.3.6.4.4 Aggiorna quantità su posizione***UseCase in package 'Versione I'*

Aggiorna quantità su posizione

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**CONNECTORS** **Include** «include» Source -> Destination

From: Vendì un pezzo : UseCase, Public

To: Aggiorna quantità su posizione : UseCase, Public

**ASSOCIATIONS**

Association (direction: Unspecified)

Source: Public (Actor) Sistema

Target: Public (UseCase) Aggiorna quantità su  
posizione**1.3.6.4.5 Carica merce su posizione***UseCase in package 'Versione I'*

Carica merce su posizione

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

## OUTGOING STRUCTURAL RELATIONSHIPS

◀ Generalization from Carica merce su posizione to Movimenta posizione [ Direction is 'Source -> Destination' ]

#### **1.3.6.4.6 Dashboard**

### *UseCase in package 'Versione 1'*

Dashboard  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

## CONNECTORS

↗ Extend «extend»    Source -> Destination  
From: Movimenta posizione : UseCase, Public  
To: Dashboard : UseCase, Public

 **Extend** «extend»   Source -> Destination  
From: Visualizza prodotti su scaffale sottoscorta : UseCase, Public  
To: Dashboard : UseCase, Public

## ASSOCIATIONS

↗ Association (direction: Unspecified)

Source: Public (Actor) Scaffalista Target: Public (UseCase) Dashboard

#### **1.3.6.4.7 Movimenta posizione**

*UseCase in package 'Versione 1'*

Movimento posizione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

## INCOMING STRUCTURAL RELATIONSHIPS

→ Generalization from Scarica merce da posizione to Movimenta posizione

[Direction is 'Source -> Destination' ]

→ Generalization from Carica merce su posizione to Movimenta posizione

[Direction is 'Source -> Destination' ]

## CONNECTORS

↗ Extend «extend»    Source -> Destination  
From: Movimenta posizione : UseCase, Public  
To: Dashboard : UseCase, Public

#### 1.3.6.4.8 Scarica merce da posizione

UseCase in package 'Versione I'

Scarica merce da posizione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

##### OUTGOING STRUCTURAL RELATIONSHIPS

↳ Generalization from Scarica merce da posizione to Movimenta posizione

[ Direction is 'Source -> Destination'. ]

#### 1.3.6.4.9 Visualizza prodotti su scaffale sottoscorta

UseCase in package 'Versione I'

Visualizza prodotti su scaffale sottoscorta  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

##### CONNECTORS

↗ Extend «extend» Source -> Destination

From: Visualizza prodotti su scaffale sottoscorta : UseCase, Public  
To: Dashboard : UseCase, Public

#### 1.3.6.5 Carica merce in posizione

UseCase in package 'Gestione scaffali vendita'

Carica merce in posizione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### 1.3.6.6 Scarica merce in posizione

UseCase in package 'Gestione scaffali vendita'

Scarica merce in posizione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### 1.3.6.7 Segnala scarsità in posizione

UseCase in package 'Gestione scaffali vendita'

Segnala scarsità in posizione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**1.3.6.8 Visualizza giacenza in posizione***UseCase in package 'Gestione scaffali vendita'*

Visualizza giacenza in posizione

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

## 1.4 Concetti

*Package in package 'Scarsefour'*

Concetti  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

### 1.4.1 Concetti diagram

*Package diagram in package 'Concetti'*

Concetti  
Version 1.0  
Luca Lezzerini created on 21/12/2018. Last modified 13/05/2019



Figure 14: Concetti

### 1.4.2 Gestione casse

*Package in package 'Concetti'*

Gestione casse  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.4.3 Gestione scaffali vendita

*Package in package 'Concetti'*

Gestione scaffali vendita  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.4.4 Gestione sconti

*Package in package 'Concetti'*

Gestione sconti  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 13/05/2019. Last modified 13/05/2019

### 1.4.5 Gestione casse

Package in package 'Concetti'

Gestione casse  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.4.5.1 Gestione casse diagram

Class diagram in package 'Gestione casse'

Gestione casse  
 Version 1.0  
 Luca Lezzerini created on 10/01/2019. Last modified 18/03/2021

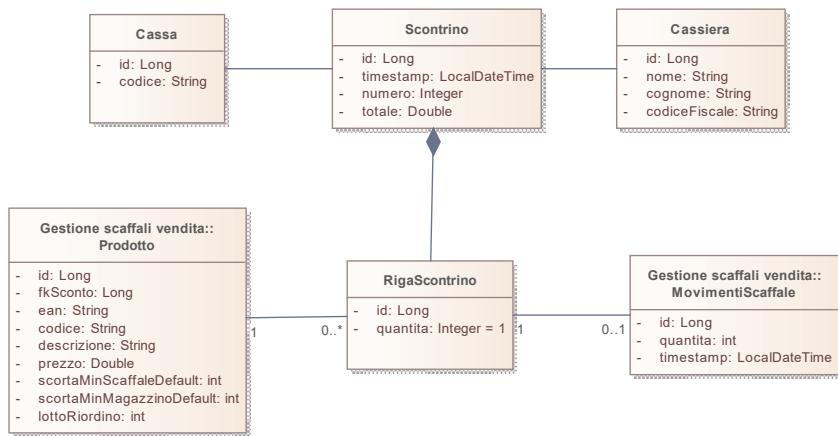


Figure 15: Gestione casse

### 1.4.5.2 MovimentiScaffale

Class in package 'Gestione scaffali vendita'

MovimentiScaffale  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
◆ id : Long	Private [ Is static True. Containment is Not Specified. ]
◆ quantita : int	Private La quantità : • se negativa, significa uno scarico dallo scaffale • se positiva, significa un carico sullo scaffale • non può essere nulla [ Is static True. Containment is Not Specified. ]

ATTRIBUTES	
◆ timestamp : LocalDateTime Private	[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
↙ Association (direction: Unspecified)	
Source: Public (Class) MovimentiScaffale	Target: Public (AssociationClass) SkuScaffale
↙ Association (direction: Unspecified)	
Source: Public (Class) MovimentiScaffale	Target: Public (Class) RigaScontrino
Cardinality: [0..1]	Cardinality: [1]

### 1.4.5.3 Prodotto

Class in package 'Gestione scaffali vendita'

Prodotto  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
◆ id : Long Private	[ Is static True. Containment is Not Specified. ]
◆ fkSconto : Long Private	[ Is static True. Containment is Not Specified. ]
◆ ean : String Private	[ Is static True. Containment is Not Specified. ]
◆ codice : String Private	[ Is static True. Containment is Not Specified. ]
◆ descrizione : String Private	[ Is static True. Containment is Not Specified. ]
◆ prezzo : Double Private	[ Is static True. Containment is Not Specified. ]
◆ scortaMinScaffaleDefault : int Private	[ Is static True. Containment is Not Specified. ]
◆ scortaMinMagazzinoDefault : int Private	[ Is static True. Containment is Not Specified. ]
◆ lottoRiordino : int Private	[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
✓ Association (direction: Unspecified)	
Source: Public (Class) Prodotto Cardinality: [0..*]	Target: Public (Class) Sconto Cardinality: [0..*]
✓ AssociationClass (direction: Unspecified)	
Source: Public (Class) Prodotto	Target: Public (Class) PosizioneScaffale
✓ Association (direction: Unspecified)	
Source: Public (Class) Prodotto Cardinality: [1]	Target: Public (Class) RigaScontrino Cardinality: [0..*]

#### 1.4.5.4 Cassa

Class in package 'Gestione casse'

Cassa  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
◆ id : Long Private	[ Is static True. Containment is Not Specified. ]
◆ codice : String Private	[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
✓ Association (direction: Unspecified)	
Source: Public (Class) Cassa	Target: Public (Class) Scontrino

#### 1.4.5.5 Cassiera

Class in package 'Gestione casse'

Cassiera  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
◆ id : Long Private	[ Is static True. Containment is Not Specified. ]

ATTRIBUTES	
◆ nome : String Private	[ Is static True. Containment is Not Specified. ]
◆ cognome : String Private	[ Is static True. Containment is Not Specified. ]
◆ codiceFiscale : String Private	[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
↙ Association (direction: Unspecified)	
Source: Public (Class) Cassiera	Target: Public (Class) Scontrino

### 1.4.5.6 RigaScontrino

Class in package 'Gestione casse'

RigaScontrino  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

OUTGOING STRUCTURAL RELATIONSHIPS	
↳ Aggregation from RigaScontrino to Scontrino	[ Direction is 'Source -> Destination'. ]

ATTRIBUTES	
◆ id : Long Private	[ Is static True. Containment is Not Specified. ]
◆ quantita : Integer Private = 1	
La quantità di una riga scontrino è sempre 1	[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
↙ Association (direction: Unspecified)	
Source: Public (Class) Prodotto Cardinality: [1]	Target: Public (Class) RigaScontrino Cardinality: [0..*]
↙ Association (direction: Unspecified)	
Source: Public (Class) MovimentiScaffale Cardinality: [0..1]	Target: Public (Class) RigaScontrino Cardinality: [1]

### 1.4.5.7 Scontrino

Class in package 'Gestione casse'

Scontrino  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### INCOMING STRUCTURAL RELATIONSHIPS

- ➡ Aggregation from RigaScontrino to Scontrino  
[ Direction is 'Source -> Destination'. ]

#### ATTRIBUTES

- ◆ id : Long Private  
[ Is static True. Containment is Not Specified. ]
- ◆ timestamp : LocalDateTime Private  
[ Is static True. Containment is Not Specified. ]
- ◆ numero : Integer Private  
[ Is static True. Containment is Not Specified. ]
- ◆ totale : Double Private  
[ Is static True. Containment is Not Specified. ]

#### ASSOCIATIONS

- ✓ Association (direction: Unspecified)  
Source: Public (Class) Cassiera Target: Public (Class) Scontrino
- ✓ Association (direction: Unspecified)  
Source: Public (Class) Cassa Target: Public (Class) Scontrino

## 1.4.6 Gestione scaffali vendita

Package in package 'Concetti'

Gestione scaffali vendita  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.4.6.1 Gestione scaffali vendita diagram

Class diagram in package 'Gestione scaffali vendita'

Gestione scaffali vendita  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 18/03/2021

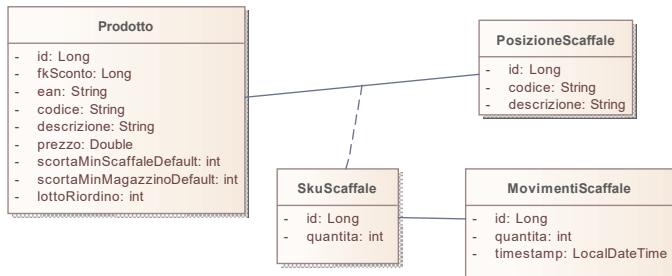


Figure 16: Gestione scaffali vendita

### 1.4.6.2 SkuScaffale

AssociationClass in package 'Gestione scaffali vendita'

SkuScaffale  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
◆ id : Long	Private [ Is static True. Containment is Not Specified. ]
◆ quantita : int	Private [ Is static True. Containment is Not Specified. ]
ASSOCIATIONS	
✓ Association (direction: Unspecified)	Source: Public (Class) MovimentiScaffale Target: Public (AssociationClass) SkuScaffale

### 1.4.6.3 MovimentiScaffale

Class in package 'Gestione scaffali vendita'

MovimentiScaffale  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### ATTRIBUTES

◆ id : Long Private	[ Is static True. Containment is Not Specified. ]
---------------------	---

#### ◆ quantità : int Private

- La quantità :
- se negativa, significa uno scarico dallo scaffale
  - se positiva, significa un carico sullo scaffale
  - non può essere nulla

[ Is static True. Containment is Not Specified. ]

#### ◆ timestamp : LocalDateTime Private

[ Is static True. Containment is Not Specified. ]

#### ASSOCIATIONS

✓ Association (direction: Unspecified)	
Source: Public (Class) MovimentiScaffale	Target: Public (AssociationClass) SkuScaffale

#### ✓ Association (direction: Unspecified)

Source: Public (Class) MovimentiScaffale	Target: Public (Class) RigaScontrino
Cardinality: [0..1]	Cardinality: [1]

### 1.4.6.4 PosizioneScaffale

Class in package 'Gestione scaffali vendita'

PosizioneScaffale  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### ATTRIBUTES

◆ id : Long Private	[ Is static True. Containment is Not Specified. ]
---------------------	---

#### ◆ codice : String Private

[ Is static True. Containment is Not Specified. ]

#### ◆ descrizione : String Private

[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
AssociationClass (direction: Unspecified)	
Source: Public (Class) Prodotto	Target: Public (Class) PosizioneScaffale

### 1.4.6.5 Prodotto

Class in package 'Gestione scaffali vendita'

Prodotto  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
id : Long	Private [ Is static True. Containment is Not Specified. ]
fkSconto : Long	Private [ Is static True. Containment is Not Specified. ]
ean : String	Private [ Is static True. Containment is Not Specified. ]
codice : String	Private [ Is static True. Containment is Not Specified. ]
descrizione : String	Private [ Is static True. Containment is Not Specified. ]
prezzo : Double	Private [ Is static True. Containment is Not Specified. ]
scortaMinScaffaleDefault : int	Private [ Is static True. Containment is Not Specified. ]
scortaMinMagazzinoDefault : int	Private [ Is static True. Containment is Not Specified. ]
lottoRiordino : int	Private [ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
Association (direction: Unspecified)	
Source: Public (Class) Prodotto Cardinality: [0..*]	Target: Public (Class) Sconto Cardinality: [0..*]
AssociationClass (direction: Unspecified)	

ASSOCIATIONS	
Source: Public (Class) Prodotto	Target: Public (Class) PosizioneScaffale
 Association (direction: Unspecified) Source: Public (Class) Prodotto Cardinality: [1]	Target: Public (Class) RigaScontrino Cardinality: [0..*]

### 1.4.6.6 SkuScaffale

AssociationClass in package 'Gestione scaffali vendita'

SkuScaffale  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
 id : Long Private	[ Is static True. Containment is Not Specified. ]
 quantita : int Private	[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
 Association (direction: Unspecified) Source: Public (Class) MovimentiScaffale	Target: Public (AssociationClass) SkuScaffale

## 1.4.7 Gestione sconti

Package in package 'Concetti'

Gestione sconti  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 13/05/2019. Last modified 13/05/2019

### 1.4.7.1 Gestione sconti diagram

Class diagram in package 'Gestione sconti'

Gestione sconti  
Version 1.0  
Luca Lezzerini created on 13/05/2019. Last modified 18/03/2021

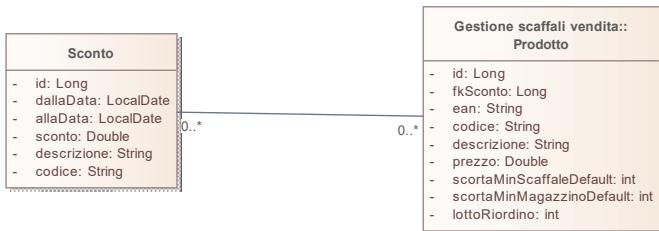


Figure 17: Gestione sconti

### 1.4.7.2 Prodotto

Class in package 'Gestione scaffali vendita'

Prodotto  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

ATTRIBUTES	
◆ id : Long	Private [ Is static True. Containment is Not Specified. ]
◆ fkSconto : Long	Private [ Is static True. Containment is Not Specified. ]
◆ ean : String	Private [ Is static True. Containment is Not Specified. ]
◆ codice : String	Private [ Is static True. Containment is Not Specified. ]
◆ descrizione : String	Private [ Is static True. Containment is Not Specified. ]
◆ prezzo : Double	Private

ATTRIBUTES	
scortaMinScaffaleDefault : int	Private [ Is static True. Containment is Not Specified. ]
scortaMinMagazzinoDefault : int	Private [ Is static True. Containment is Not Specified. ]
lottoRiordino : int	Private [ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
Association (direction: Unspecified)	Source: Public (Class) Prodotto Cardinality: [0..*]
	Target: Public (Class) Sconto Cardinality: [0..*]
AssociationClass (direction: Unspecified)	Source: Public (Class) Prodotto Target: Public (Class) PosizioneScaffale
Association (direction: Unspecified)	Source: Public (Class) Prodotto Cardinality: [1]
	Target: Public (Class) RigaScontrino Cardinality: [0..*]

### 1.4.7.3 Sconto

Class in package 'Gestione sconti'

Sconto  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 13/05/2019. Last modified 13/05/2019

ATTRIBUTES	
id : Long	Private [ Is static True. Containment is Not Specified. ]
dallaData : LocalDate	Private [ Is static True. Containment is Not Specified. ]
allaData : LocalDate	Private [ Is static True. Containment is Not Specified. ]
sconto : Double	Private [ Is static True. Containment is Not Specified. ]

ATTRIBUTES	
◆ descrizione : String Private	[ Is static True. Containment is Not Specified. ]
◆ codice : String Private	[ Is static True. Containment is Not Specified. ]

ASSOCIATIONS	
 Association (direction: Unspecified) Source: Public (Class) Prodotto Cardinality: [0..*]	Target: Public (Class) Sconto Cardinality: [0..*]

## 1.5 Interfacce utente

Package in package 'Scarsefour'

Interfacce utente  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

### 1.5.1 Interfacce utente diagram

Package diagram in package 'Interfacce utente'

Interfacce utente  
Version 1.0  
Luca Lezzerini created on 21/12/2018. Last modified 21/12/2018

Figure 18: Interfacce utente

### 1.5.2 Anagrafica posizioni

Package in package 'Interfacce utente'

Anagrafica posizioni  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### 1.5.2.1 Anagrafica posizioni diagram

Webpage Wireframe diagram in package 'Anagrafica posizioni'

Anagrafica posizioni  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 18/03/2021

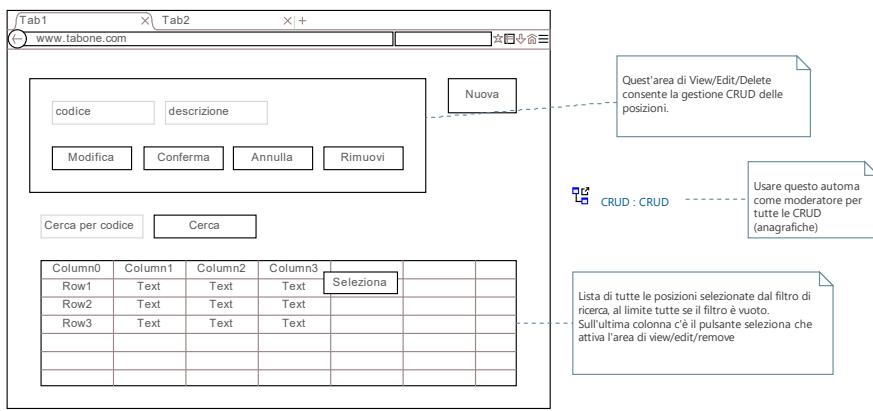


Figure 19: Anagrafica posizioni

### 1.5.2.2 Note

*Note in package 'Anagrafica posizioni'*

Lista di tutte le posizioni selezionate dal filtro di ricerca, al limite tutte se il filtro è vuoto.  
Sull'ultima colonna c'è il pulsante seleziona che attiva l'area di view/edit/remove

Note  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

### 1.5.2.3 Note

*Note in package 'Anagrafica posizioni'*

Quest'area di View/Edit/Delete consente la gestione CRUD delle posizioni.

Note  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

### 1.5.2.4 Note

*Note in package 'Anagrafica posizioni'*

Usare questo automa come moderatore per tutte le CRUD (anagrafiche)

Note  
Version 1.0 Phase 1.0 Proposed  
use created on 18/03/2021. Last modified 18/03/2021  
Extends

### 1.5.2.5 CRUD : CRUD

*Text in package 'Anagrafica posizioni'*

CRUD : CRUD

CRUD : CRUD  
Version 1.0 Phase 1.0 Proposed  
use created on 18/03/2021. Last modified 18/03/2021  
Extends

### 1.5.2.6      **Webpage1**

*Webpage «WireframeWebsite» in package 'Anagrafica posizioni'*

Webpage1  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.1      **Cerca**

*Button «WireframeButton» owned by 'Webpage1', in package 'Anagrafica posizioni'*

Cerca  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.2      **Cerca per codice**

*Text «WireframeTextField» owned by 'Webpage1', in package 'Anagrafica posizioni'*

Cerca per codice  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.3      **ClientArea**

*ClientArea «WireframeClientArea» owned by 'Webpage1', in package 'Anagrafica posizioni'*

ClientArea  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.3.1      **Annulla**

*Button «WireframeButton» owned by 'ClientArea', in package 'Anagrafica posizioni'*

Annulla  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### 1.5.2.6.3.2 codice

Text «WireframeTextField» owned by 'ClientArea', in package 'Anagrafica posizioni'

codice  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.3.3 Conferma

Button «WireframeButton» owned by 'ClientArea', in package 'Anagrafica posizioni'

Conferma  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.3.4 descrizione

Text «WireframeTextField» owned by 'ClientArea', in package 'Anagrafica posizioni'

descrizione  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.3.5 Modifica

Button «WireframeButton» owned by 'ClientArea', in package 'Anagrafica posizioni'

Modifica  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.3.6 Rimuovi

Button «WireframeButton» owned by 'ClientArea', in package 'Anagrafica posizioni'

Rimuovi  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

#### 1.5.2.6.4 Nuova

Button «WireframeButton» owned by 'Webpage1', in package 'Anagrafica posizioni'

Nuova  
Version 1.0 Phase 1.0 Proposed

**1.5.2.6.5      Selezione***Button «WireframeButton» owned by 'Webpage1', in package 'Anagrafica posizioni'*

Selezione

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 18/01/2021. Last modified 18/01/2021

Extends

**1.5.2.6.6      Table***Table «WireframeTable» owned by 'Webpage1', in package 'Anagrafica posizioni'*

Table

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

Extends

### 1.5.3 Dashboard

Package in package 'Interfacce utente'

Dashboard  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

#### 1.5.3.1 Dashboard diagram

Webpage Wireframe diagram in package 'Dashboard'

Dashboard  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

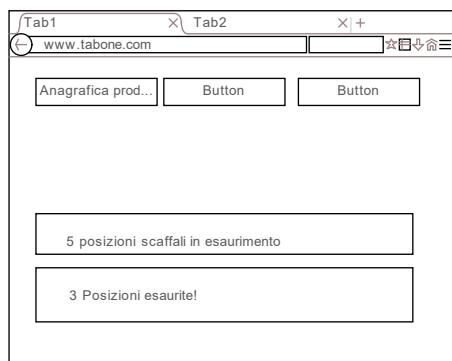


Figure 20: Dashboard

#### 1.5.3.2 Webpage1

Webpage «WireframeWebsite» in package 'Dashboard'

Webpage1  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

##### 1.5.3.2.1 Anagrafica prodotti

Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard'

Anagrafica prodotti  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.3.2.2     Button**

Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard'

Button  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.3.2.3     Button**

Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard'

Button  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.3.2.4     ClientArea**

ClientArea «WireframeClientArea» owned by 'Webpage1', in package 'Dashboard'

ClientArea  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.3.2.4.1    5 posizioni scaffali in esaurimento**

Label «WireframeLabel» owned by 'ClientArea', in package 'Dashboard'

5 posizioni scaffali in esaurimento  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.3.2.5     ClientArea**

ClientArea «WireframeClientArea» owned by 'Webpage1', in package 'Dashboard'

ClientArea  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.3.2.5.1    3 Posizioni esaurite!**

Label «WireframeLabel» owned by 'ClientArea', in package 'Dashboard'

3 Posizioni esaurite!  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends



## 1.5.4 Dashboard cassa

*Package in package 'Interfacce utente'*

Dashboard cassa  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.5.4.1 Dashboard cassa diagram

*Webpage Wireframe diagram in package 'Dashboard cassa'*

Dashboard cassa  
Version 1.0  
Luca Lezzerini created on 10/01/2019. Last modified 22/03/2021

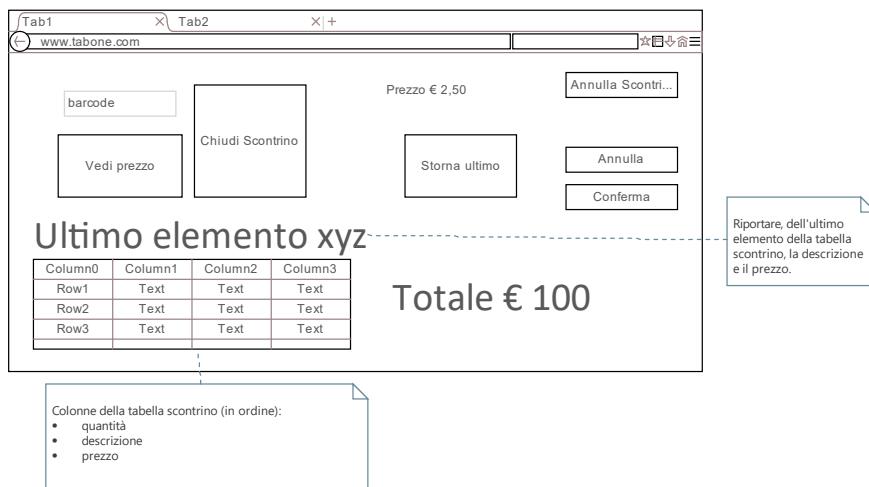


Figure 21: Dashboard cassa

### 1.5.4.2 Note

*Note in package 'Dashboard cassa'*

Colonne della tabella scontrino (in ordine):

- quantità
- descrizione
- prezzo

Note  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 16/01/2019. Last modified 16/01/2019  
Extends

### 1.5.4.3 Note

*Note in package 'Dashboard cassa'*

Riportare, dell'ultimo elemento della tabella scontrino, la descrizione e il prezzo.

**Note**

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 16/01/2019. Last modified 16/01/2019  
Extends

#### **1.5.4.4      Webpage1**

*Webpage «WireframeWebsite» in package 'Dashboard cassa'*

**Webpage1**

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

##### **1.5.4.4.1      Annulla**

*Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard cassa'*

**Annulla**

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

##### **1.5.4.4.2      Annulla Scontrino**

*Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard cassa'*

**Annulla Scontrino**

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

##### **1.5.4.4.3      barcode**

*Text «WireframeTextField» owned by 'Webpage1', in package 'Dashboard cassa'*

**barcode**

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

##### **1.5.4.4.4      Chiudi Scontrino**

*Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard cassa'*

**Chiudi Scontrino**

Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.4.4.5 Conferma**

Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard cassa'

Conferma  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.4.4.6 Prezzo € 2,50**

Label «WireframeLabel» owned by 'Webpage1', in package 'Dashboard cassa'

Prezzo € 2,50  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 15/01/2019. Last modified 15/01/2019  
Extends

**1.5.4.4.7 Storna ultimo**

Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard cassa'

Storna ultimo  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.4.4.8 Table**

Table «WireframeTable» owned by 'Webpage1', in package 'Dashboard cassa'

Table  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.4.4.9 Totale € 100**

Label «WireframeLabel» owned by 'Webpage1', in package 'Dashboard cassa'

Totale € 100  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
Extends

**1.5.4.4.10 Ultimo elemento xyz**

Label «WireframeLabel» owned by 'Webpage1', in package 'Dashboard cassa'

Ultimo elemento xyz  
Version 1.0 Phase 1.0 Proposed  
Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

**1.5.4.4.11 Vedi prezzo**

Button «WireframeButton» owned by 'Webpage1', in package 'Dashboard cassa'

Vedi prezzo

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

Extends

## 1.5.5 Movimenta posizione

Package in package 'Interfacce utente'

Movimenta posizione  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

### 1.5.5.1 Movimenta posizione diagram

Webpage Wireframe diagram in package 'Movimenta posizione'

Movimenta posizione  
 Version 1.0  
 Luca Lezzerini created on 10/01/2019. Last modified 29/01/2019



Figure 22: Movimenta posizione

### 1.5.5.2 Webpage1

Webpage «WireframeWebsite» in package 'Movimenta posizione'

Webpage1  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
 Extends

#### 1.5.5.2.1 Carica

Button «WireframeButton» owned by 'Webpage1', in package 'Movimenta posizione'

Carica  
 Version 1.0 Phase 1.0 Proposed  
 Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019  
 Extends

#### 1.5.5.2.2 codice posizione

Text «WireframeTextField» owned by 'Webpage1', in package 'Movimenta posizione'

codice posizione

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

Extends

### 1.5.5.2.3 dati posizione

Label «WireframeLabel» owned by 'Webpage1', in package 'Movimenta posizione'

dati posizione

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

Extends

### 1.5.5.2.4 prodotto

Text «WireframeTextField» owned by 'Webpage1', in package 'Movimenta posizione'

prodotto

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

Extends

### 1.5.5.2.5 quantità

Text «WireframeTextField» owned by 'Webpage1', in package 'Movimenta posizione'

quantità

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

Extends

### 1.5.5.2.6 Scarica

Button «WireframeButton» owned by 'Webpage1', in package 'Movimenta posizione'

Scarica

Version 1.0 Phase 1.0 Proposed

Luca Lezzerini created on 10/01/2019. Last modified 10/01/2019

Extends