**MODEL**

@Entity

**User**

* **id**
* **username, unique, not null**
* **password, not null**
* **first name, not null**
* **last name, not null**
* **shoppingCarts** - moze imati jedan Aktivan (status 1) SC i neograniceno Neaktivnih – CheckOut-ovanih (status 2) – ili bez ovih ogranicavanja
* **(**@OneToOne**) payPalAccount - optional**

@Entity

**ShoppingCart**

* **id**
* **name, not null**
* **status** (Enum), not null
* **price** – suma kostanja proizvoda
* **items (@OneToMany)**
* **user, not null**

@Entity

**Item** (product na ShoppingCart-u)

* **id**
* **quantity, not null**
* **product (@ManyToOne)**
* **shoppingCart (@ManyToOne)**

@Entity

**Product** (prozivod na stanju u shopu)

* **id**
* **name, not null, unique**
* **description**
* **price** – cena 1 proizvoda, not null
* **quantity, not null**
* **categories**

@Entity

**Category**

* **id**
* **name, not null, unique**
* **description**
* **products**

@Entity

**PayPallAccount**

* **id**
* **language, not null**
* **expiresOn, not null**
* **accountNumber, not null**
* **budget, not null**
* **(**@Embedded**) billingAddress**
* **(**@OneToOne**) user – not null**

@Embeddable

**Address**

* **City**
* **country**
* **postal\_code**
* **street**