Documentatie proiect inventar

“Magazinul cu muzica”

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Proiect realizat in Eclipse (“Spring Tool Suite 4”) si are ca scop reproducerea minima a unui inventar.

Entitati: Product, ReviewProduct, Category,Brand.

Scripturi SQL de creare a tabelelor:

CREATE TABLE `brand` (

`id` int NOT NULL AUTO\_INCREMENT,

`name` varchar(54) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `UK\_rdxh7tq2xs66r485cc8dkxt77` (`name`)

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `category` (

`id` int NOT NULL AUTO\_INCREMENT,

`name` varchar(45) NOT NULL,

`brand\_id` int DEFAULT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `UK\_46ccwnsi9409t36lurvtyljak` (`name`),

KEY `FK57gpi2dtsm4euf8w2rpi7odge` (`brand\_id`),

CONSTRAINT `FK57gpi2dtsm4euf8w2rpi7odge` FOREIGN KEY (`brand\_id`) REFERENCES `brand` (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `product` (

`id` int NOT NULL AUTO\_INCREMENT,

`name` varchar(128) NOT NULL,

`price` float NOT NULL,

`category\_id` int DEFAULT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `UK\_jmivyxk9rmgysrmsqw15lqr5b` (`name`),

KEY `FK1mtsbur82frn64de7balymq9s` (`category\_id`),

CONSTRAINT `FK1mtsbur82frn64de7balymq9s` FOREIGN KEY (`category\_id`) REFERENCES `category` (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `product\_details` (

`id` int NOT NULL AUTO\_INCREMENT,

`name` varchar(45) NOT NULL,

`value` varchar(45) NOT NULL,

`product\_id` int DEFAULT NULL,

PRIMARY KEY (`id`),

KEY `FKrhahp4f26x99lqf0kybcs79rb` (`product\_id`),

CONSTRAINT `FKrhahp4f26x99lqf0kybcs79rb` FOREIGN KEY (`product\_id`) REFERENCES `product` (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

Tabelele sunt legate astfel:

Product Details -> Product

Product -> Category

Category -> Brand

Se pot adauga prin intermediul campurilor obiecte in fiecare din cele 4 tabele. Produsele pot fi adaugate si sterse, iar Firmele Editate.

Campurile accesibile sunt:

[Lista Categorii](http://localhost:8080/categories) - va afisa toate categoriile

[Creare Categorii](http://localhost:8080/categories/new)- se va putea adauga o noua categorie in baza de date

[Lista Produse](http://localhost:8080/products)- vor fi afisate toate produsele

[Creare Produse](http://localhost:8080/products/new) - se va putea crea un nou produs

[Lista Firme](http://localhost:8080/brands)- vor fi afisate toate firmele

[Creare Firma](http://localhost:8080/brands/new) - se va putea crea o noua firma