CREATE TABLE `Position` {

`Pos\_Numb` int(10) NOT NULL AUTO\_INCREMENT,

`Pos\_Abbr` Varchar(20),

`Pos\_Title` Varchar(50),

`Min\_Salary` Double(10,5),

`Max\_Salary` Double(10,5),

PRIMARY KEY (`Pos\_Numb`)

}

CREATE TABLE `Bonus` {

`Bonus\_date` DATE NOT NULL,

`Bonus\_amo` Double(10,5) NOT NULL,

`emp\_id` int(10) NOT NULL,

PRIMARY KEY (`emp\_id`),

PRIMARY KEY (`Bonus\_date`),

FOREIGN KEY (`emp\_id`) REFERENCES (`Employee.emp\_id`)

}

CREATE TABLE `Training` {

`Year` smallInt,

`Course` Varchar(255),

`Emp\_id` int(10),

PRIMARY KEY (`Emp\_id`),

PRIMARY KEY (`Year`),

PRIMARY KEY (`Course`),

FOREGIN KEY (`Emp\_id`) REFERENCES (`Employee.emp\_id`)

}

CREATE TABLE `Pref\_Appraisal`{

`Target\_Code` Int(10) NOT NULL,

`Description` Varchar(255) NOT NULL,

`Manager\_id` Int(10) NOT NULL,

`Emp\_id` int(10) NOT NULL,

`Timestamp` DATETIME NOT NULL,

PRIMARY KEY (`Target\_Code`),

PRIMARY KEY (`Manager\_id`),

PRIMARY KEY (`Emp\_id`),

PRIMARY KEY (`Timestamp`),

FOREIGN KEY (`Manager\_id`) REFERENCES (`Employee.Emp\_id`),

FOREIGN KEY (`Emp\_id`) REFERENCES (`Employee.emp\_id`)

}

CREATE TABLE `Target` {

`Target\_Code` Int(10) NOT NULL,

`Target\_Description\_En` NOT NULL,

PRIMARY KEY (`Target\_Code`)

}

CREATE TABLE `Employee`

`emp\_id` int(10) NOT NULL AUTO\_INCREMENT,

`emp\_FirstName` Varchar(20) NOT NULL,

`emp\_LastName` Varchar(20) NOT NULL,

`street` Varchar(100),

`city` Varchar(30),

`state` Varchar(2),

`zip\_code` Varchar(10),

`phone` Varchar(20),

`status` Varchar(2),

`ss\_number` Varchar(10),

`start\_date` DATETIME,

`termination\_date` DATETIME,

`birth\_date` DATETIME,

`bene\_health\_ins` Char,

`bene\_life\_ins` Char,

`bene\_day\_care` Char,

`sex` Char,

`Salary` Double(10,5),

`phone\_work` Varchar(20),

`Extension` Varchar(6),

`Fax` Varchar(20),

`Email` Varchar(50),

`Cv` Varchar(50),

`Manager\_id` int(10),

`Branch \_Code` int(10) NOT NULL,

`Pos\_Numb` int(10) NOT NULL,

PRIMARY KEY (`emp\_id`),

FOREIGN KEY (`Manager\_id`) REFERENCES (`Employee.emp\_id`),

FOREIGN KEY (`Branch \_Code`) REFERENCES (`Branch.Branch\_Code`),

FOREIGN KEY (`Pos\_Numb`) REFERENCES (`Position.Pos\_Numb`)

}

CREATE TABLE `Order\_Method`

`Order\_Method\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Order\_Method`En` Varchar(255) NOT NULL,

PRIMARY KEY (`Order\_Method\_Code`)

}

CREATE TABLE `Department`

`Dept\_Id` int(10) NOT NULL AUTO\_INCREMENT,

`Dept\_Name` Varchar(255) NOT NULL,

`Dept\_Head\_id` int(10) NOT NULL,

PRIMARY KEY (`Dept\_id`),

FOREIGN KEY (`Dept\_Head\_id`) REFERENCES (`Employee.emp\_id`)

}

CREATE TABLE `Branch` {

`Branch\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Address1` Varchar(50) NOT NULL,

`Address2` Varchar(50),

`City` Varchar(40),

`Region` Varchar(50),

`Postal\_Zone` Varchar(10),

`Dept\_id` Int(10) NOT NULL,

`Country\_Code` Integer(10),

PRIMARY KEY (`Branch\_Code`),

FOREIGN KEY (`Country\_Code`) REFERENCES (`Country.Country\_Code`),

FOREIGN KEY (`Dept\_id`) REFERENCES (`Department.Dept\_id`)

}

CREATE TABLE `Country` {

`Country\_Code` Integer(10) NOT NULL,

`Country` Varchar(50) NOT NULL,

`Language` Varchar(255) NOT NULL,

PRIMARY KEY (`Country\_Code`)

}

CREATE TABLE `Promotion` {

`Pr\_Number` smallInt NOT NULL,

`Date\_Start` DateTime,

`Date\_End` DateTime,

`Description` Varchar(255),

PRIMARY KEY (`Pr\_Number`)

}

CREATE TABLE `Product\_Forecast` {

`Product\_number` Integer,

`Year` smallInt,

`Month` Tinyint,

`Expected\_Volume` Integer,

PRIMARY KEY (`Product\_number`),

PRIMARY KEY (`Year),

PRIMARY KEY (`Month`),

FOREIGN KEY (`Product\_number`) REFERENCES (`Product.Product\_Number`)

}

CREATE TABLE `Inventory` {

`Inventory\_Year` SmallInt NOT NULL,

`Inventory\_Month` Tinyint NOT NULL,

`Product\_Number` int(10) NOT NULL,

`Inventory\_Count` int(10) NOT NULL,

PRIMARY KEY (`Inventory\_Year`),

PRIMARY KEY (`Inventory\_Month`),

PRIMARY KEY (`Product\_Number`),

FOREIGN KEY (`Product\_Number`) REFERENCES (`Product.Product\_Number`)

}

CREATE TABLE `Storage` {

`Storage\_Code` Int(10) NOT NULL,

`City` Varchar(50),

`Country\_Code` Int(10),

PRIMARY KEY (`Storage\_Code`),

FOREIGN KEY (`Country\_Code`) REFERENCES (`Country.Country\_Code`)

}

CREATE TABLE `Campaign` {

`Pr\_Number` smallInt NOT NULL,

`Product\_Number` int(10) NOT NULL,

`Discount` int(3) NOT NULL,

PRIMARY KEY (`Pr\_Number`),

PRIMARY KEY (`Product\_Number),

FOREIGN KEY (`Product\_Number`) REFERENCES (`Product.Product\_Number`)

}

CREATE TABLE `Product` {

`Product\_number` int(10) NOT NULL AUTO\_INCREMENT,

`Introduction\_Date` DATE NOT NULL,

`Product\_Type\_id` int(10) NOT NULL,

`Production\_Cost` Float NOT NULL,

`Margin` Float NOT NULL,

`Product\_Image` Varchar(255) NOT NULL,

`Product\_name` Varchar(255),

`Product\_Description` Varchar(255),

`Product\_Size` Enum(`x-Small`, `Small`, `Medium`, `Large`, `x-Large`, `xx-Large`, `xxx-Large`),

`Product\_Color` Varchar(255),

PRIMARY KEY (`Product\_number`),

FOREIGN KEY (`Product\_Type\_id`) REFERENCES (`Product\_type.Prod\_Type\_Code`)

}

CREATE TABLE `Sales\_Target` {

`Emp\_id` Int(10) NOT NULL,

`Sales\_Year” SmallInt NOT NULL,

`Sales\_Period` Int(10) NOT NULL,

`Retailer\_Name` Varchar(50) NOT NULL ,

`Product\_Number` int(10) NOT NULL,

`Sales\_Target` Float NOT NULL,

`Retailer\_Code` Int(10) NOT NULL,

PRIMARY KEY (`Emp\_id`),

PRIMARY KEY (`Sales\_Year`),

PRIMARY KEY (`Sales\_Period`),

FOREIGN KEY (`Emp\_id`) REFERENCES (`Employee.Emp\_id`),

FOREIGN KEY (`Product\_Number`) REFERENCES (`Product.Product\_number`),

FOREIGN KEY (`Retailer\_Code`) REFERENCES (`Retailer.Retailer\_Code`)

}

CREATE TABLE `Product\_Type` {

`Product\_Type\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Product\_Line\_Code` int(10),

`Product\_Type\_En` Varchar(80) NOT NULL,

PRIMARY KEY (`Prod\_Type\_Code`),

FOREIGN KEY (`Prod\_Line\_Code`) REFERENCES (`Product\_Line.Prod\_Line\_Code`)

}

CREATE TABLE `Product\_Line` {

`Prod\_Line\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Prod\_Line\_En` Varchar(80) NOT NULL,

PRIMARY KEY (`Prod\_Line\_Code`),

}

CREATE TABLE `Order” {

`Order\_id` int(10) NOT NULL AUTO\_INCREMENT,

`Retailer\_Site\_Code` int(10) NOT NULL,

`emp\_id` int(10) NOT NULL,

`Sales\_Branch\_Code` int(10) NOT NULL,

`Order\_date` DATETIME NOT NULL,

`Order\_Method\_Code` int(10) NOT NULL,

`Finance\_Code` Int(10),

`Region` Varchar(50),

PRIMARY KEY (`Order\_id`),

FOREIGN KEY (`emp\_id`) REFERENCES (`Employee.emp\_id`),

FOREIGN KEY (`Order\_Method\_Code`) REFERENCES (`Order\_Method.Order\_Method\_Code`),

FOREIGN KEY (`Retailer\_Site\_Code`) REFERENCES (`Retailer\_Site.Retailer\_Site \_Code`),

FOREIGN KEY (`Finance\_code`) REFERENCES (`Order\_finance.Finance\_code`),

CHECK ( Order\_Type = 'P' or Order\_Type = 'S' )

}

CREATE TABLE `Order\_item` {

`Order\_id` int(10) NOT NULL,

`Product\_id` int(10) NOT NULL,

`Quantity` SmallInt NOT NULL,

`Ship\_date` DATE NOT NULL,

PRIMARY KEY (`Order\_id`),

FOREIGN KEY (`Order\_id`) REFERENCES (`Order.Order\_id`),

FOREIGN KEY (`Product\_id`) REFERENCES (`Product.Product\_number)

}

CREATE TABLE `Returned\_Item` {

`Return\_Code` int(10) NOT NULL,

`Return\_Date` Datetime NOT NULL,

`Order\_Detal\_Code` int(10) NOT NULL,

`Return\_Reason` int(10) NOT NULL,

`Return\_Quantity` Int(10) NOT NULL,

PRIMARY KEY (`Return\_Code`)

FOREIGN KEY (`Return\_Reason`) REFERENCES (`Return\_Reason.Return\_Reason\_Code`),

FOREIGN KEY (`Order\_Detail\_Code`) REFERENCES (`Order\_item.Order\_id`),

//Constraint Return\_Quantity mag niet groter zijn dan Quantity in de bijbehorende order.

}

CREATE TABLE `Return\_Reason` {

`Return\_Reason\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Return\_Description\_En` Varchar(50) NOT NULL,

PRIMARY KEY (`Return\_Reason\_Code`)

}

CREATE TABLE `Order\_finance` {

`Finance\_code` int(10) NOT NULL AUTO\_INCREMENT,

`Finance\_Type` ENUM('Expense', 'Revenue`) NOT NULL,

`Finance\_Description` Varchar(255),

PRIMARY KEY (`Finance\_Code`)

}

CREATE TABLE `Retailer` {

`Retailer\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Retailer\_CodeMR` int(10),

`Company\_Name` Varchar(255) NOT NULL,

`Retailer\_Type\_Code` int(10) NOT NULL,

PRIMARY KEY (`Retailer\_Code`),

FOREIGN KEY (`Retailer\_CodeMR`) REFERENCES (`Retailer.Retailer\_Code`),

FOREIGN KEY (`Retailer\_Type\_Code`) REFERENCES (`Retailer\_Type.Retailer\_Type\_Code`)

}

CREATE TABLE `Retailer\_Type` {

`Retailer\_Type\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Type\_name\_en` Varchar(255) NOT NULL,

PRIMARY KEY (`Retailer\_Type\_Code`)

}

CREATE TABLE `Retailer\_Site` {

`Retailer\_Site\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`Retailer\_Code` int(10) NOT NULL,

`Address1` Varchar(50) NOT NULL,

`Address2` Varchar(50),

`City` Varchar(40),

`Region` Varchar(50),

`Postal\_Zone` Varchar(10),

`Country\_Code` int(10),

`Active\_Indicator` Bool,

PRIMARY KEY (`Retailer\_Site\_Code`),

FOREIGN KEY (`Country\_Code`) REFERENCES (`Country.Country\_Code`),

FOREIGN KEY (`Retailer\_Code`) REFERENCES (`Retailer.Retailer\_Code`)

}

CREATE TABLE `Customer`{

`id` int(10) NOT NULL AUTO\_INCREMENT,

`fname` Varchar(255),

`lname` Varchar(255),

`Address` Varchar(255),

`City` Varchar(40),

`State` Varchar(255),

`Zip` Varchar(6),

`Phone` Varchar(20),

`Company\_Name` Varchar(255),

`Type` Char,

`Discount` Int(10),

`Max\_quantity\_order` Int(10),

PRIMARY KEY (`id`)

}

CREATE TABLE `Booking` {

`Booking\_id` Int(10) NOT NULL AUTO\_INCREMENT,

`Price` Double(10,5) NOT NULL,

`Transport\_To` Varchar(255),

`Transport\_From` Varchar(255),

`Vac\_id` Int(10) NOT NULL,

`Start\_Date` DATE NOT NULL,

PRIMARY KEY (`Booking\_id`),

FOREIGN KEY (`Vac\_id`) REFERENCES (`Vacation.Vac\_id`)

}

CREATE TABLE `Traveller` {

`Customer\_id` int(10) NOT NULL,

`Booking\_id` Int(10) NOT NULL,

`iBan` Varchar(255),

`Birth\_Date` DATE NOT NULL,

`Sex` Char NOT NULL,

PRIMARY KEY (`Customer\_id`),

PRIMARY KEY (`Booking\_id`),

FOREGIN KEY (`Customer\_id`) REFERENCES (`Customer.id`),

FOREGIN KEY (`Booking\_id`) REFERENCES (`Booking.booking\_id`)

// Constraint: Een Booking moet altijd 1 traveller hebben met een iBan die niet null is.

}

CREATE TABLE `Vacation` {

`Vac\_id` Int(10) NOT NULL AUTO\_INCREMENT,

`Transport` Varchar(255),

`Duration` Int(5) NOT NULL,

`Min\_People` int(5) NOT NULL,

`Max\_Peoeple` int(5) NOT NULL,

`Child\_Proof` BOOL NOT NULL,

PIMARY KEY (`Vac\_id`)

}

CREATE TABLE `Accommodation` {

`Acc\_id` int(10) NOT NULL AUTO\_INCREMENT,

`Address` Varchar(255) NOT NULL,

`Contact` Varchar(255),

`Phone\_Number` Varchar(20) NOT NULL,

`Country\_Code` Int(10),

PRIMARY KEY (`Acc\_id`),

FOREIGN KEY (`Country\_Code`) REFERENCES (`Country.Country\_Code`)

}

CREATE TABLE `Acc\_vac` {

`Acc\_id` int(10) NOT NULL,

`Vac\_id` int(10) NOT NULL,

PRIMARY KEY (`Acc\_id`),

PRIMARY KEY (`Vac\_id`),

FOREIGN KEY (`Acc\_id`) REFERENCES (`Accommodation.Acc\_id`),

FOREIGN KEY (`Vac\_id`) REFERENCES (`Vacation.Vac\_id`)

}

CREATE TABLE `Storage` {

`Storage\_Code` int(10) NOT NULL AUTO\_INCREMENT,

`City` Varchar(40) NOT NULL,

`Country\_Code` int(10),

PRIMARY KEY (`Storage\_Code`),

FOREIGN KEY (`Country\_Code`) REFERENCES (`Country.Country\_Code`)

}