Texto

Descripción generada automáticamente con confianza media

**2NDO AVANCE**

Base de Datos Multimedia

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# **Script de creación de tablas**

CREATE SCHEMA IF NOT EXISTS `musicstore` DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4\_0900\_ai\_ci ;

USE `musicstore` ;

CREATE TABLE IF NOT EXISTS `musicstore`.`rol` (

`id\_rol` VARCHAR(50) NOT NULL,

`descripcion\_rol` VARCHAR(260) NULL,

PRIMARY KEY (`id\_rol`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`usuarios` (

`id\_usuario` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(250) NULL DEFAULT NULL,

`apellidos` VARCHAR(250) NULL DEFAULT NULL,

`correo` VARCHAR(250) NULL DEFAULT NULL,

`usuario` VARCHAR(250) NOT NULL,

`id\_rol` VARCHAR(50) NULL DEFAULT NULL,

`img` BLOB NULL DEFAULT NULL,

`sexo` VARCHAR(50) NULL DEFAULT NULL,

`fecha\_nacimiento` DATE NULL DEFAULT NULL,

`fecha\_ingreso` DATE NULL DEFAULT NULL,

`tipo` VARCHAR(50) NULL DEFAULT NULL,

`contrasena` VARCHAR(50) NOT NULL,

PRIMARY KEY (`id\_usuario`),

INDEX `id\_rol` (`id\_rol` ASC) VISIBLE,

CONSTRAINT `usuarios\_ibfk\_1`

FOREIGN KEY (`id\_rol`)

REFERENCES `musicstore`.`rol` (`id\_rol`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`categorias` (

`id\_categoria` VARCHAR(250) NOT NULL,

`usuario` VARCHAR(250) NULL DEFAULT NULL,

`descripcion` VARCHAR(250) NULL DEFAULT NULL,

PRIMARY KEY (`id\_categoria`),

INDEX `usuario` (`usuario` ASC) VISIBLE,

CONSTRAINT `categorias\_ibfk\_1`

FOREIGN KEY (`usuario`)

REFERENCES `musicstore`.`usuarios` (`usuario`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`productos` (

`id\_producto` INT NULL,

`nombre\_producto` VARCHAR(250) NOT NULL,

`precio` DECIMAL(10,2) NULL DEFAULT NULL,

`id\_categoria` VARCHAR(250) NULL DEFAULT NULL,

`cantidad` INT NULL DEFAULT NULL,

`tipo` VARCHAR(50) NULL DEFAULT NULL,

`valoracion` INT NULL DEFAULT NULL,

`estatus` TINYINT(1) NULL DEFAULT '0',

PRIMARY KEY (`nombre\_producto`),

INDEX `id\_categoria` (`id\_categoria` ASC) VISIBLE,

CONSTRAINT `productos\_ibfk\_1`

FOREIGN KEY (`id\_categoria`)

REFERENCES `musicstore`.`categorias` (`id\_categoria`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`carrito` (

`id\_producto` INT NOT NULL AUTO\_INCREMENT,

`nombre\_producto` VARCHAR(250) NULL DEFAULT NULL,

`precio` DECIMAL(10,2) NULL DEFAULT NULL,

`id\_categoria` VARCHAR(250) NULL DEFAULT NULL,

`cantidad` INT NULL DEFAULT NULL,

PRIMARY KEY (`id\_producto`),

INDEX `nombre\_producto\_idx` (`nombre\_producto` ASC) VISIBLE,

CONSTRAINT `nombre\_producto`

FOREIGN KEY (`nombre\_producto`)

REFERENCES `musicstore`.`productos` (`nombre\_producto`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`comentarios` (

`id\_comentario` INT NOT NULL AUTO\_INCREMENT,

`usuario` VARCHAR(250) NULL DEFAULT NULL,

`comentario` VARCHAR(250) NULL DEFAULT NULL,

`fecha\_comentario` DATETIME NULL DEFAULT NULL,

PRIMARY KEY (`id\_comentario`),

INDEX `usuario\_idx` (`usuario` ASC) VISIBLE,

CONSTRAINT `usuario`

FOREIGN KEY (`usuario`)

REFERENCES `musicstore`.`usuarios` (`usuario`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`compras` (

`id\_compra` INT NOT NULL AUTO\_INCREMENT,

`usuario` VARCHAR(250) NULL DEFAULT NULL,

`tipo\_venta` VARCHAR(250) NULL DEFAULT NULL,

`nombre\_producto` VARCHAR(250) NULL DEFAULT NULL,

`vendedor` VARCHAR(250) NULL DEFAULT NULL,

`fecha\_hora` DATETIME NULL DEFAULT NULL,

`precio` DECIMAL(10,2) NULL,

`comprascol` VARCHAR(45) NULL,

PRIMARY KEY (`id\_compra`),

INDEX `usuario\_idx` (`usuario` ASC) VISIBLE,

INDEX `nombre\_producto\_idx` (`nombre\_producto` ASC) VISIBLE,

INDEX `rol\_idx` (`tipo\_venta` ASC) VISIBLE,

CONSTRAINT `usuario`

FOREIGN KEY (`usuario`)

REFERENCES `musicstore`.`usuarios` (`usuario`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `nombre\_producto`

FOREIGN KEY (`nombre\_producto`)

REFERENCES `musicstore`.`productos` (`nombre\_producto`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `rol`

FOREIGN KEY (`tipo\_venta`)

REFERENCES `musicstore`.`rol` (`id\_rol`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`listas` (

`nombre\_lista` VARCHAR(50) NOT NULL,

`descripcion` VARCHAR(250) NULL DEFAULT NULL,

`img` BLOB NULL DEFAULT NULL,

PRIMARY KEY (`nombre\_lista`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

CREATE TABLE IF NOT EXISTS `musicstore`.`obj\_lista` (

`nombre\_lista` VARCHAR(250) NULL,

`descripcion` VARCHAR(250) NULL DEFAULT NULL,

`precio` DECIMAL(10,2) NULL DEFAULT NULL,

`nombre\_producto` VARCHAR(50) NULL,

`cantidad` INT NOT NULL,

`id\_obj` INT NULL,

`obj\_listacol` INT NOT NULL,

PRIMARY KEY (`obj\_listacol`),

INDEX `nombre\_lista\_idx` (`nombre\_lista` ASC) VISIBLE,

INDEX `nombre\_producto\_idx` (`nombre\_producto` ASC) VISIBLE,

CONSTRAINT `nombre\_lista`

FOREIGN KEY (`nombre\_lista`)

REFERENCES `musicstore`.`listas` (`nombre\_lista`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `nombre\_producto`

FOREIGN KEY (`nombre\_producto`)

REFERENCES `musicstore`.`productos` (`nombre\_producto`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

# **Paginas de Registro, Modificación/Consulta de perfil de usuario**

Interfaz de usuario gráfica

Descripción generada automáticamente

Interfaz de usuario gráfica, Aplicación

Descripción generada automáticamente

# **Diagrama de MySql Workbench**

Escala de tiempo

Descripción generada automáticamente

# **Diccionario de datos**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [**db\_name**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60db_name%60+ASC&sql_signature=103bab3b48158448a343ebc1bf5f0425815f391ef9ace7063eea59217855da2d&session_max_rows=25&is_browse_distinct=0) | [**table\_name**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60table_name%60+ASC&sql_signature=9eb41dd43b81c3a55cc05af1e994cfe270bccaeaa2cd4d6582801a695c3016c4&session_max_rows=25&is_browse_distinct=0) | [**column\_name**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60column_name%60+ASC&sql_signature=b86fde3d123386e38209addd398c3ae45e08ede2b8269f8a8c6001de56ca6e16&session_max_rows=25&is_browse_distinct=0) | [**column\_type**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60column_type%60+ASC&sql_signature=7e4258f419c45bdd95bc9576d69def312447fee6156a229d6b741d9906d114cd&session_max_rows=25&is_browse_distinct=0) | [**column\_default**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60column_default%60+ASC&sql_signature=fda4b65648a8fdc23138f428c71b8511e730e286e3d4adbc9d0f0284d3839e6d&session_max_rows=25&is_browse_distinct=0) | [**column\_key**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60column_key%60+ASC&sql_signature=c2221a45cf435f4f6a134b7ffe4fd343eaaf1b245f56694c44ecda83ca2a313e&session_max_rows=25&is_browse_distinct=0) | [**is\_nullable**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60is_nullable%60+ASC&sql_signature=f4b165a9571a96975f454ff1af2f63787a178e8a7a4394a9dc4de85e4815bd5b&session_max_rows=25&is_browse_distinct=0) | [**column\_comment**](http://localhost/phpmyadmin/index.php?route=/sql&db=musicstore&table=categorias&sql_query=SELECT+t.table_schema+AS+db_name%2C%0D%0A+++++++t.table_name%2C%0D%0A+++++++%28CASE+WHEN+t.table_type+%3D+%27BASE+TABLE%27+THEN+%27table%27%0D%0A+++++++++++++WHEN+t.table_type+%3D+%27VIEW%27+THEN+%27view%27%0D%0A+++++++++++++ELSE+t.table_type%0D%0A++++++++END%29+AS+table_type%2C%0D%0A++++++++c.column_name%2C%0D%0A++++++++c.column_type%2C%0D%0A++++++++c.column_default%2C%0D%0A++++++++c.column_key%2C%0D%0A++++++++c.is_nullable%2C%0D%0A++++++++c.extra%2C%0D%0A++++++++c.column_comment%0D%0AFROM+information_schema.tables+AS+t%0D%0AINNER+JOIN+information_schema.columns+AS+c%0D%0AON+t.table_name+%3D+c.table_name%0D%0AAND+t.table_schema+%3D+c.table_schema%0D%0AWHERE+t.table_type+IN+%28%27base+table%27%2C+%27view%27%29%0D%0AAND+t.table_schema+LIKE+%27%25%27++%0AORDER+BY+%60column_comment%60+ASC&sql_signature=5da04ca9b00231a6a124a58d03359435ecc20cfa2190a3ad69871bc2db4a664e&session_max_rows=25&is_browse_distinct=0) |
| musicstore | carrito | id\_producto | int(11) | *NULL* | PRI | NO | Clave del producto. |
| musicstore | carrito | nombre\_producto | varchar(250) | NULL | MUL | YES |  |
| musicstore | carrito | precio | decimal(8,2) | *NULL* |  | NO | Precio en pesos mexicanos. |
| musicstore | carrito | id\_categoria | varchar(250) | NULL |  | YES |  |
| musicstore | carrito | cantidad | int(11) | *NULL* |  | NO | Cantidad de elementos en el carrito. |
| musicstore | categorias | id\_categoria | varchar(250) | *NULL* | PRI | NO |  |
| musicstore | categorias | usuario | varchar(250) | *NULL* | MUL | NO |  |
| musicstore | categorias | descripcion | varchar(250) | *NULL* |  | NO | Descripcion de la categoría. |
| musicstore | comentarios | id\_comentario | int(11) | *NULL* | PRI | NO | Clave para reconocer el comentario. |
| musicstore | comentarios | usuario | varchar(250) | *NULL* | MUL | NO |  |
| musicstore | comentarios | comentario | varchar(250) | *NULL* |  | NO | Comentario de un usuario. |
| musicstore | comentarios | fecha\_comentario | datetime | *NULL* |  | NO | Fecha del comentario. |
| musicstore | compras | id\_compra | int(11) | *NULL* | PRI | NO | Clave para reconocer la compra. |
| musicstore | compras | usuario | varchar(250) | *NULL* | MUL | NO |  |
| musicstore | compras | tipo\_venta | varchar(250) | NULL | MUL | YES |  |
| musicstore | compras | nombre\_producto | varchar(250) | NULL | MUL | YES |  |
| musicstore | compras | vendedor | varchar(250) | *NULL* |  | NO | Nombre del vendedor. |
| musicstore | compras | fecha\_hora | datetime | *NULL* |  | NO | Fecha y hora de cuando se efectuó. |
| musicstore | compras | precio | decimal(8,2) | *NULL* |  | NO | Precio en pesos mexicanos. |
| musicstore | compras | comprascol | varchar(250) | *NULL* |  | NO | Descripción de la compra. |
| musicstore | listas | nombre\_lista | varchar(50) | *NULL* | PRI | NO |  |
| musicstore | listas | descripcion | int(11) | *NULL* |  | NO | Descripción de la lista. |
| musicstore | listas | img | blob | *NULL* |  | NO | Foto de productos. |
| musicstore | obj\_lista | nombre\_lista | varchar(250) | NULL | MUL | YES |  |
| musicstore | obj\_lista | descripcion | int(11) | *NULL* |  | NO | Descripción del producto. |