

DHTube

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SQL

```
CREATE SCHEMA `DHTube`;
```

```
USE `DHTube`;
```

```
CREATE TABLE `DHTube`.`pais` (  
  `idPais` INT(11) NOT NULL AUTO_INCREMENT,  
  `nome` VARCHAR(100),  
  PRIMARY KEY (`idPais`)  
);
```

```
CREATE TABLE `DHTube`.`avatar` (  
  `idAvatar` INT(11) NOT NULL AUTO_INCREMENT,  
  `nome` VARCHAR(45),  
  `urlimagem` VARCHAR(100),  
  PRIMARY KEY (`idAvatar`)  
);
```

```
CREATE TABLE `DHTube`.`usuario` (  
  `idUserio` INT(11) NOT NULL AUTO_INCREMENT,  
  `nome` VARCHAR(45),  
  `email` VARCHAR(45),  
  `senha` VARCHAR(45),  
  `dataNascimento` DATETIME,  
  `cep` VARCHAR(45),  
  `Pais_idPais` INT(11) NOT NULL,  
  `Avatar_idAvatar` INT(11) NOT NULL,  
  PRIMARY KEY (`idUserio`),  
  CONSTRAINT `fk_pais_idPais_usuario` FOREIGN KEY (`Pais_idPais`) REFERENCES `DHTube`.`pais` (`idPais`),  
  CONSTRAINT `fk_avatar_idAvatar_usuario` FOREIGN KEY (`Avatar_idAvatar`) REFERENCES `DHTube`.`avatar` (`idAvatar`)  
);
```

```
CREATE TABLE `DHTube`.`playlist` (  
  `idPlaylist` INT(11) NOT NULL AUTO_INCREMENT,  
  `nome` VARCHAR(45),  
  `dataCriacao` DATETIME,  
  `privado` SMALLINT(6),  
  `Usuario_idUsuario` INT(11) NOT NULL,  
  PRIMARY KEY (`idPlaylist`),  
  CONSTRAINT `fk_usuario_idUsuario_playlist` FOREIGN KEY (`Usuario_idUsuario`) REFERENCES `DHTube`.`usuario` (`idUserio`)  
);
```

```
CREATE TABLE `DHTube`.`canal` (  
  `idCanal` INT(11) NOT NULL AUTO_INCREMENT,  
  `nome` VARCHAR(45),  
  `descricao` TEXT,  
  `dataCriacao` DATETIME,  
  `Usuario_idUsuario` INT(11) NOT NULL,  
  PRIMARY KEY (`idCanal`),  
  CONSTRAINT `fk_usuario_idUsuario_canal` FOREIGN KEY (`Usuario_idUsuario`) REFERENCES `DHTube`.`usuario` (`idUserio`)  
);
```

```

CREATE TABLE `DHTube`.`video` (
  `idVideo` INT(11) NOT NULL AUTO_INCREMENT,
  `Usuario_idUsuario` INT(11) NOT NULL,
  `titulo` VARCHAR(100),
  `descricao` TEXT,
  `tamanho` DOUBLE,
  `nomeArquivo` VARCHAR(100),
  `duracao` DOUBLE,
  `imagem` VARCHAR(100),
  `qtdReproducoes` INT(11),
  `qtdLikes` INT(11),
  `qtdDislikes` INT(11),
  `privado` SMALLINT(6),
  `dataPublicacao` DATETIME,
  PRIMARY KEY (`idVideo`),
  CONSTRAINT `fk_usuario_idUsuario_video` FOREIGN KEY (`Usuario_idUsuario`) REFERENCES `DHTube`.`usuario` (`idUsuario`)
);

```

```

CREATE TABLE `DHTube`.`playlist_video` (
  `Video_idVideo` INT(11) NOT NULL,
  `Playlist_idPlaylist` INT(11) NOT NULL,
  CONSTRAINT `fk_video_idVideo_playlist_video` FOREIGN KEY (`Video_idVideo`) REFERENCES `DHTube`.`video` (`idVideo`),
  CONSTRAINT `fk_playlist_idPlaylist_playlist_video` FOREIGN KEY (`Playlist_idPlaylist`) REFERENCES `DHTube`.`playlist`
  (`idPlaylist`)
);

```

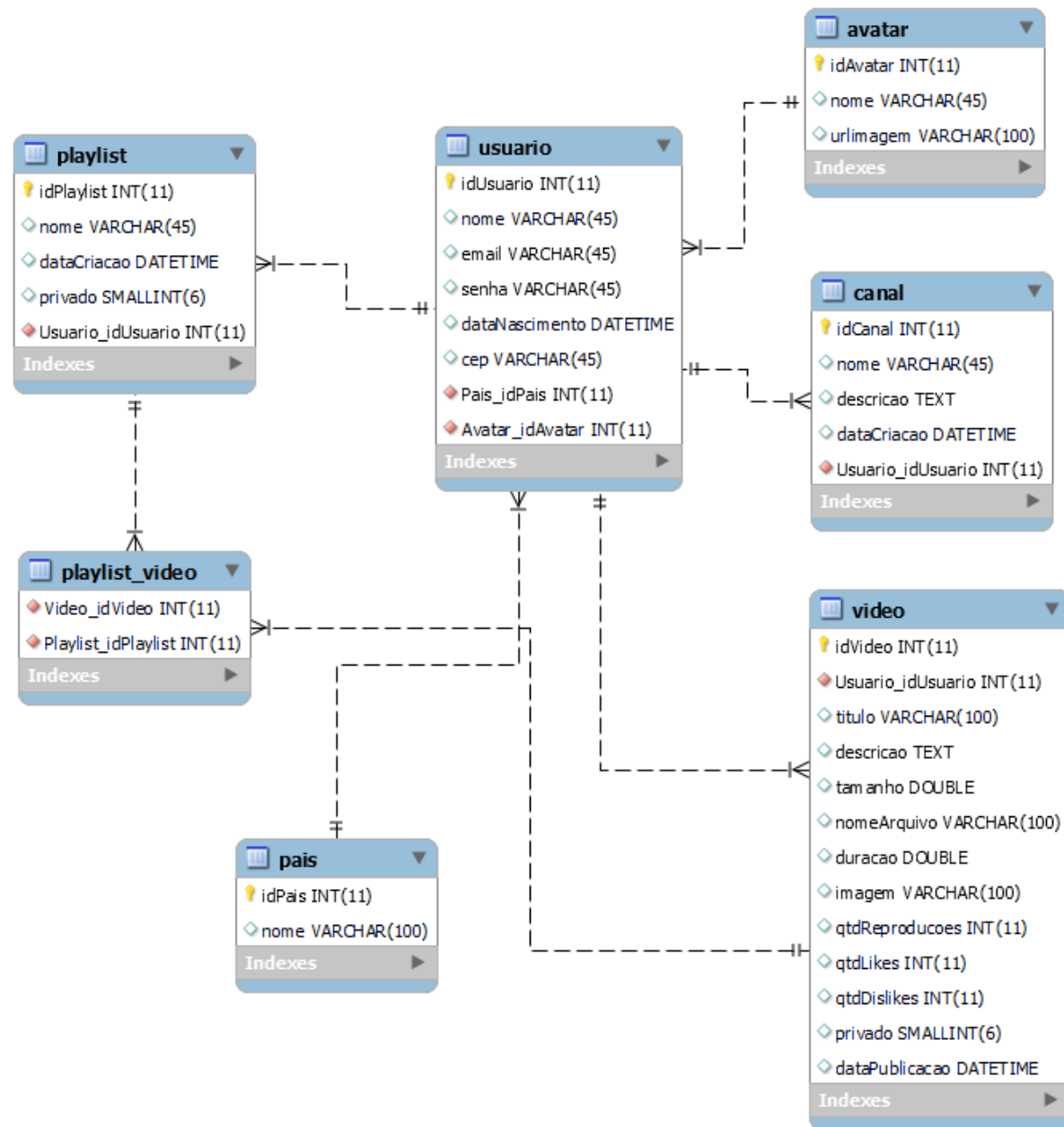


Figura 1 - DER obtido por engenharia reversa para comparação com o exercício proposto