# Users Table

# CREATE TABLE `users` (

# `id` int(11) NOT NULL AUTO\_INCREMENT,

# `firstname` varchar(50) NOT NULL,

# `lastname` varchar(50) NOT NULL,

# `lastname2` varchar(50) DEFAULT NULL,

# `mobile\_phone` varchar(20) NOT NULL,

# `email` varchar(100) NOT NULL,

# `token` varchar(255) DEFAULT NULL,

# `codigo\_email` varchar(10) DEFAULT NULL,

# `codigo\_sms` varchar(10) DEFAULT NULL,

# `password` varchar(255) NOT NULL,

# `fecha\_token` datetime DEFAULT NULL,

# `activo` tinyint(1) DEFAULT 0,

# `validated\_email` tinyint(1) DEFAULT 0,

# `numero\_intentos\_validated\_email` int(11) DEFAULT 0,

# `fecha\_cambio\_password` datetime DEFAULT NULL,

# `solicitud\_cambio\_password` tinyint(1) DEFAULT 0,

# `numero\_intentos\_login` int(11) DEFAULT 0,

# `numero\_intentos\_cambio\_password` int(11) DEFAULT 0,

# `fecha\_solicitud\_cambio\_password` datetime DEFAULT NULL,

# `admin` tinyint(1) DEFAULT 0,

# PRIMARY KEY (`id`),

# UNIQUE KEY `email` (`email`)

# ) ENGINE=InnoDB AUTO\_INCREMENT=21 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci

# Password History Table

CREATE TABLE `password\_history` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`user\_id` int(11) NOT NULL,

`password` varchar(255) NOT NULL,

`change\_date` datetime NOT NULL,

PRIMARY KEY (`id`),

KEY `user\_id` (`user\_id`),

CONSTRAINT `password\_history\_ibfk\_1` FOREIGN KEY (`user\_id`) REFERENCES `users` (`id`) ON DELETE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci |

# Roles Table

# CREATE TABLE `roles` (

# `id` int(11) NOT NULL AUTO\_INCREMENT,

# `role\_name` varchar(50) NOT NULL,

# `description` varchar(255) DEFAULT NULL,

# `code` varchar(20) NOT NULL,

# PRIMARY KEY (`id`),

# UNIQUE KEY `role\_name` (`role\_name`),

# UNIQUE KEY `unique\_code` (`code`)

# ) ENGINE=InnoDB AUTO\_INCREMENT=29 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci

# User Roles Table

CREATE TABLE `user\_roles` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`user\_id` int(11) NOT NULL,

`role\_id` varchar(20) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `unique\_user\_role` (`user\_id`,`role\_id`),

KEY `user\_roles\_ibfk\_2` (`role\_id`),

CONSTRAINT `user\_roles\_ibfk\_1` FOREIGN KEY (`user\_id`) REFERENCES `users` (`id`) ON DELETE CASCADE,

CONSTRAINT `user\_roles\_ibfk\_2` FOREIGN KEY (`role\_id`) REFERENCES `roles` (`code`) ON DELETE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=31 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci