CREATE TABLE `API\_ASSIGNMENT`.`USERS` (

`user\_id` INT NOT NULL AUTO\_INCREMENT,

`name` VARCHAR(100) NOT NULL,

`email` VARCHAR(100) NOT NULL,

`password\_hash` VARCHAR(100) NOT NULL,

`phone` INT NOT NULL,

`role` ENUM("customer", "restraunt\_owner", "delivery\_partner") NOT NULL,

`address\_id` INT NOT NULL,

`created\_at` TIMESTAMP NOT NULL,

PRIMARY KEY (`user\_id`),

INDEX `\_idx` (`address\_id` ASC) VISIBLE,

CONSTRAINT ``

FOREIGN KEY (`address\_id`)

REFERENCES `API\_ASSIGNMENT`.`ADDRESS` (`address\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

CREATE TABLE IF NOT EXISTS `API\_ASSIGNMENT`.`ADDRESS` (

`address\_id` INT NOT NULL AUTO\_INCREMENT,

`address\_lline` VARCHAR(100) NOT NULL,

`city` VARCHAR(100) NOT NULL,

`state` VARCHAR(100) NOT NULL,

`zip\_code` INT NOT NULL,

PRIMARY KEY (`address\_id`)

);

CREATE TABLE `API\_ASSIGNMENT`.`RESTAURANTS` (

`restaurant\_id` INT NOT NULL AUTO\_INCREMENT,

`name` VARCHAR(100) NOT NULL,

`address\_id` INT NOT NULL,

`owner\_id` INT NOT NULL,

`cuisine\_type` VARCHAR(100) NOT NULL,

`hours\_of\_operation` TIME NOT NULL,

`created\_at` TIMESTAMP NOT NULL,

PRIMARY KEY (`restaurant\_id`),

INDEX `address\_id\_idx` (`address\_id` ASC) VISIBLE,

INDEX `user\_id\_idx` (`owner\_id` ASC) VISIBLE,

CONSTRAINT `address\_id`

FOREIGN KEY (`address\_id`)

REFERENCES `API\_ASSIGNMENT`.`ADDRESS` (`address\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT `user\_id`

FOREIGN KEY (`owner\_id`)

REFERENCES `API\_ASSIGNMENT`.`USERS` (`user\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

CREATE TABLE `API\_ASSIGNMENT`.`RESTAURANT\_RATING` (

`rating\_id` INT NOT NULL AUTO\_INCREMENT,

`restaurant\_id` INT NOT NULL,

`users\_id` INT NOT NULL,

`rating` VARCHAR(45) NOT NULL,

PRIMARY KEY (`rating\_id`),

INDEX `restaurant\_id\_idx` (`restaurant\_id` ASC) VISIBLE,

INDEX `user\_id\_idx` (`user\_id` ASC) VISIBLE,

CONSTRAINT `restaurant\_id`

FOREIGN KEY (`restaurant\_id`)

REFERENCES `API\_ASSIGNMENT`.`RESTAURANTS` (`restaurant\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT `users\_id`

FOREIGN KEY (`users\_id`)

REFERENCES `API\_ASSIGNMENT`.`USERS` (`user\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

CREATE TABLE `API\_ASSIGNMENT`.`MENUS` (

`menu\_id` INT NOT NULL AUTO\_INCREMENT,

`rest\_id` INT NOT NULL,

`item\_name` VARCHAR(100) NOT NULL,

`description` VARCHAR(500) NOT NULL,

`price` DECIMAL(10, 2) NOT NULL,

`is\_Available` TINYINT NOT NULL,

PRIMARY KEY (`menu\_id`),

INDEX `rest\_id\_idx` (`rest\_id` ASC) VISIBLE,

CONSTRAINT `rest\_id`

FOREIGN KEY (`rest\_id`)

REFERENCES `API\_ASSIGNMENT`.`RESTAURANTS` (`restaurant\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

CREATE TABLE `API\_ASSIGNMENT`.`ORDER\_DETAILS` (

`order\_id` INT NOT NULL AUTO\_INCREMENT,

`menu\_id` INT NOT NULL,

`quantity` INT NOT NULL,

`price` DECIMAL(10, 2) NOT NULL,

PRIMARY KEY (`order\_id`),

INDEX `menu\_id\_idx` (`menu\_id` ASC) VISIBLE,

CONSTRAINT `menu\_id`

FOREIGN KEY (`menu\_id`)

REFERENCES `API\_ASSIGNMENT`.`MENUS` (`menu\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

CREATE TABLE `API\_ASSIGNMENT`.`DELIVERY` (

`delivery\_id` INT NOT NULL AUTO\_INCREMENT,

`order\_id` INT NOT NULL,

`delivery\_partner\_id` INT NOT NULL,

`status` ENUM("assigned", "picked\_up", "en\_route", "delivered") NOT NULL,

`created\_at` TIMESTAMP NOT NULL,

`picked\_up\_at` TIMESTAMP NOT NULL,

`delivered\_at` TIMESTAMP NOT NULL,

PRIMARY KEY (`delivery\_id`),

INDEX `order\_id\_idx` (`order\_id` ASC) VISIBLE,

INDEX `user\_id\_idx` (`delivery\_partner\_id` ASC) VISIBLE,

CONSTRAINT `order\_id`

FOREIGN KEY (`order\_id`)

REFERENCES `API\_ASSIGNMENT`.`ORDER\_DETAILS` (`order\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT `user\_id`

FOREIGN KEY (`user\_id`)

REFERENCES `API\_ASSIGNMENT`.`USERS` (`user\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

CREATE TABLE `API\_ASSIGNMENT`.`DELIVERY\_PARTNER\_DETAILS` (

`delivery\_partner\_id` INT NOT NULL,

`current\_loc\_lat` DECIMAL(10,8) NOT NULL,

`current\_loc\_long` DECIMAL(11,8) NOT NULL,

`is\_available` BOOLEAN NOT NULL DEFAULT TRUE,

PRIMARY KEY (`delivery\_id`),

INDEX `user\_id\_idx` (`delivery\_partner\_id` ASC) VISIBLE,

CONSTRAINT `user\_id`

FOREIGN KEY (`user\_id`)

REFERENCES `API\_ASSIGNMENT`.`USERS` (`user\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

CREATE TABLE `API\_ASSIGNMENT`.`PAYMENT` (

`payment\_id` INT NOT NULL AUTO\_INCREMENT,

`order\_id` INT NOT NULL,

`amount` DECIMAL(10, 2) NOT NULL,

`payment\_method` ENUM("credit\_card", "debit\_card", "upi", "cash") NOT NULL,

`payment\_status` ENUM("pending", "paid", "failed") NOT NULL,

`paid\_at` TIMESTAMP NOT NULL,

PRIMARY KEY (`payment\_id`),

INDEX `order\_id\_idx` (`order\_id` ASC) VISIBLE,

CONSTRAINT `order\_id`

FOREIGN KEY (`order\_id`)

REFERENCES `API\_ASSIGNMENT`.`ORDER\_DETAILS` (`order\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);