-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='TRADITIONAL,ALLOW\_INVALID\_DATES';

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-- Schema iBus

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-- -----------------------------------------------------

-- Schema iBus

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CREATE SCHEMA IF NOT EXISTS `iBus` DEFAULT CHARACTER SET utf8 COLLATE utf8\_general\_ci ;

USE `iBus` ;

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-- Table `iBus`.`route`

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CREATE TABLE IF NOT EXISTS `iBus`.`route` (

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

`route\_name` VARCHAR(45) NULL,

PRIMARY KEY (`route\_id`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `iBus`.`accomodations`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `iBus`.`accomodations` (

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

`accomodation\_name` VARCHAR(45) NULL,

`capacity` INT NULL,

`accomodation\_route\_id` INT NOT NULL,

PRIMARY KEY (`accomodation\_id`),

INDEX `fk\_accomodations\_route1\_idx` (`accomodation\_route\_id` ASC),

CONSTRAINT `fk\_accomodations\_route1`

FOREIGN KEY (`accomodation\_route\_id`)

REFERENCES `iBus`.`route` (`route\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `iBus`.`employees`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `iBus`.`employees` (

`ct\_reference` VARCHAR(45) NOT NULL,

`employee\_id` INT NULL,

`employee\_name` VARCHAR(45) NULL,

`employee\_email` VARCHAR(45) NULL,

`accomodation\_at` VARCHAR(45) NULL,

`lg` VARCHAR(45) NULL,

`stream` VARCHAR(45) NULL,

`batch` VARCHAR(45) NULL,

`release\_date` DATE NULL,

`status` VARCHAR(45) NULL,

`accomodation\_id` INT NOT NULL,

PRIMARY KEY (`ct\_reference`),

INDEX `fk\_employees\_accomodations1\_idx` (`accomodation\_id` ASC),

CONSTRAINT `fk\_employees\_accomodations1`

FOREIGN KEY (`accomodation\_id`)

REFERENCES `iBus`.`accomodations` (`accomodation\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `iBus`.`busses`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `iBus`.`busses` (

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

`no\_of\_seats` INT NULL,

`bus\_name` VARCHAR(45) NULL,

`route\_id` INT NOT NULL,

PRIMARY KEY (`bus\_id`),

INDEX `fk\_busses\_route1\_idx` (`route\_id` ASC),

CONSTRAINT `fk\_busses\_route1`

FOREIGN KEY (`route\_id`)

REFERENCES `iBus`.`route` (`route\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `iBus`.`bus\_timing`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `iBus`.`bus\_timing` (

`bus\_timimg\_id` INT NOT NULL AUTO\_INCREMENT,

`time` VARCHAR(45) NULL,

PRIMARY KEY (`bus\_timimg\_id`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `iBus`.`booking`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `iBus`.`booking` (

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

`timestamp` VARCHAR(45) NULL,

`bus\_id` INT NOT NULL,

`bus\_timimg\_id` INT NOT NULL,

`employees\_ct\_reference` VARCHAR(45) NOT NULL,

PRIMARY KEY (`booking\_id`),

INDEX `fk\_booking\_busses1\_idx` (`bus\_id` ASC),

INDEX `fk\_booking\_bus\_timimg1\_idx` (`bus\_timimg\_id` ASC),

INDEX `fk\_booking\_employees1\_idx` (`employees\_ct\_reference` ASC),

CONSTRAINT `fk\_booking\_busses1`

FOREIGN KEY (`bus\_id`)

REFERENCES `iBus`.`busses` (`bus\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_booking\_bus\_timimg1`

FOREIGN KEY (`bus\_timimg\_id`)

REFERENCES `iBus`.`bus\_timing` (`bus\_timimg\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_booking\_employees1`

FOREIGN KEY (`employees\_ct\_reference`)

REFERENCES `iBus`.`employees` (`ct\_reference`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;