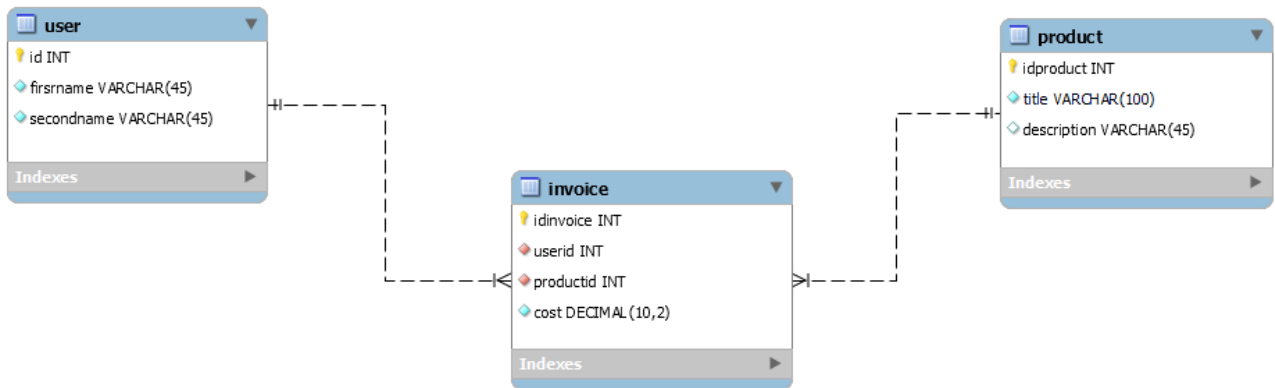


1.



Запрос: <https://gist.github.com/fuquyoma/e7bb92af2120c37e82588ff62c44871a>

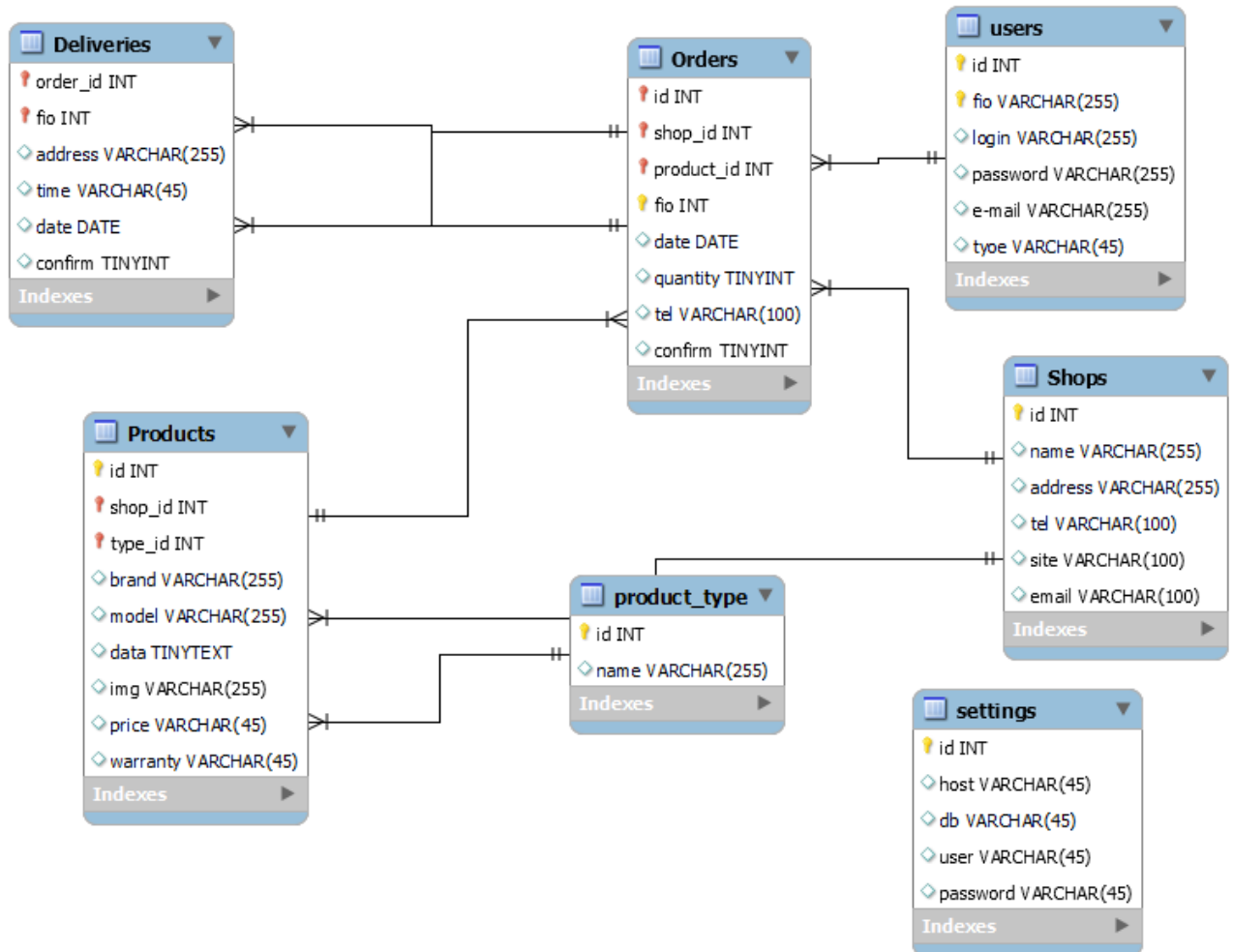
Фрагмент запроса для создания invoice:

```
CREATE TABLE IF NOT EXISTS `firstModel`.`invoice` (  
  `idinvoice` INT NOT NULL AUTO_INCREMENT,  
  `userid` INT NOT NULL,  
  `productid` INT NOT NULL,  
  `cost` DECIMAL(10,2) NOT NULL,  
  PRIMARY KEY (`idinvoice`),  
  INDEX `user_idx` (`userid` ASC) VISIBLE,  
  INDEX `prod_idx` (`productid` ASC) VISIBLE,  
  CONSTRAINT `user`  
    FOREIGN KEY (`userid`)  
      REFERENCES `firstModel`.`user` (`id`)  
      ON DELETE CASCADE  
      ON UPDATE CASCADE,  
  CONSTRAINT `prod`  
    FOREIGN KEY (`productid`)  
      REFERENCES `firstModel`.`product` (`idproduct`)  
      ON DELETE CASCADE
```

ON UPDATE CASCADE)

ENGINE = InnoDB;

2.



Запрос: <https://gist.github.com/fuquyoma/8d43da7ccb2a8b9171d5bdec8ee3208e>

Фрагмент запроса с Orders:

```
CREATE TABLE IF NOT EXISTS `mydb`.`Orders` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `shop_id` INT NOT NULL,  
  `product_id` INT NOT NULL,  
  `fio` INT NOT NULL,
```

```

`date` DATE NULL,
`quantity` TINYINT NULL,
`tel` VARCHAR(100) NULL,
`confirm` TINYINT NULL,
PRIMARY KEY (`id`, `shop_id`, `product_id`, `fio`),
UNIQUE INDEX `id_UNIQUE` (`id` ASC) VISIBLE,
INDEX `shopid_to_prod_idx` (`product_id` ASC) VISIBLE,
INDEX `shopid_to_shop_idx` (`shop_id` ASC) VISIBLE,
CONSTRAINT `shopid_to_prod`
  FOREIGN KEY (`product_id`)
  REFERENCES `mydb`.`Products` (`id`)
  ON DELETE CASCADE
  ON UPDATE CASCADE,
CONSTRAINT `shopid_to_shop`
  FOREIGN KEY (`shop_id`)
  REFERENCES `mydb`.`Shops` (`id`)
  ON DELETE CASCADE
  ON UPDATE CASCADE,
CONSTRAINT `fio_to_user`
  FOREIGN KEY (`id`)
  REFERENCES `mydb`.`users` (`id`)
  ON DELETE CASCADE
  ON UPDATE CASCADE)
ENGINE = InnoDB;

```

3.

Connection Options

Options

Select Objects

Review SQL Script

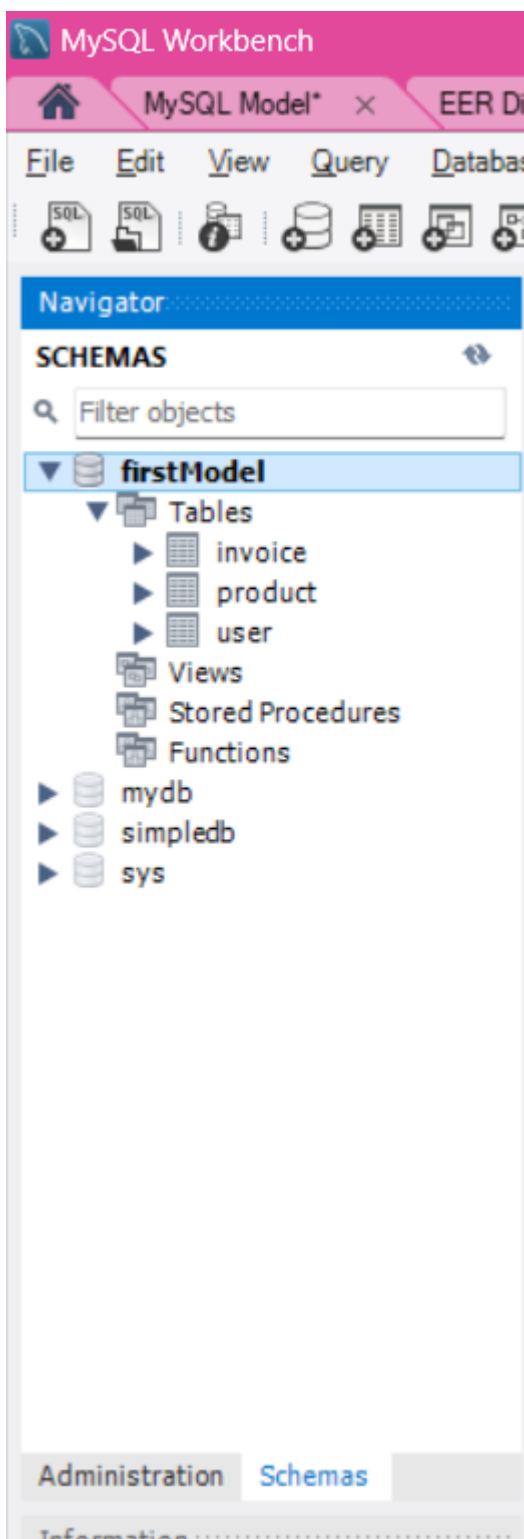
**Commit Progress****Forward Engineering Progress**

The following tasks will now be executed. Please monitor the execution.  
Press Show Logs to see the execution logs.

- ☒ Connect to DBMS
- ☒ Execute Forward Engineered Script
- ☒ Read Back Changes Made by Server
- ☒ Save Synchronization State

Forward Engineer Finished Successfully

[Show Logs](#)[Back](#)[Close](#)[Cancel](#)



4. Если удалять при помощи каскадного удаления, то все связанные записи в таблице будут автоматически удалены.

Если удалять без каскадного удаления, то выведет ошибку