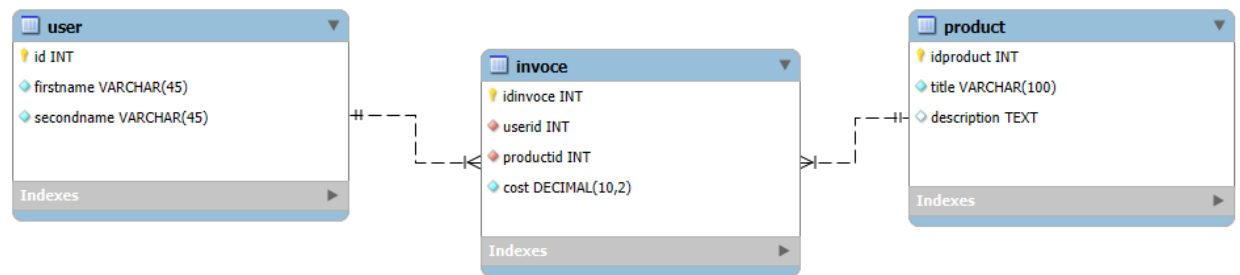


Задание 1.

Изображение схемы



SQL запрос

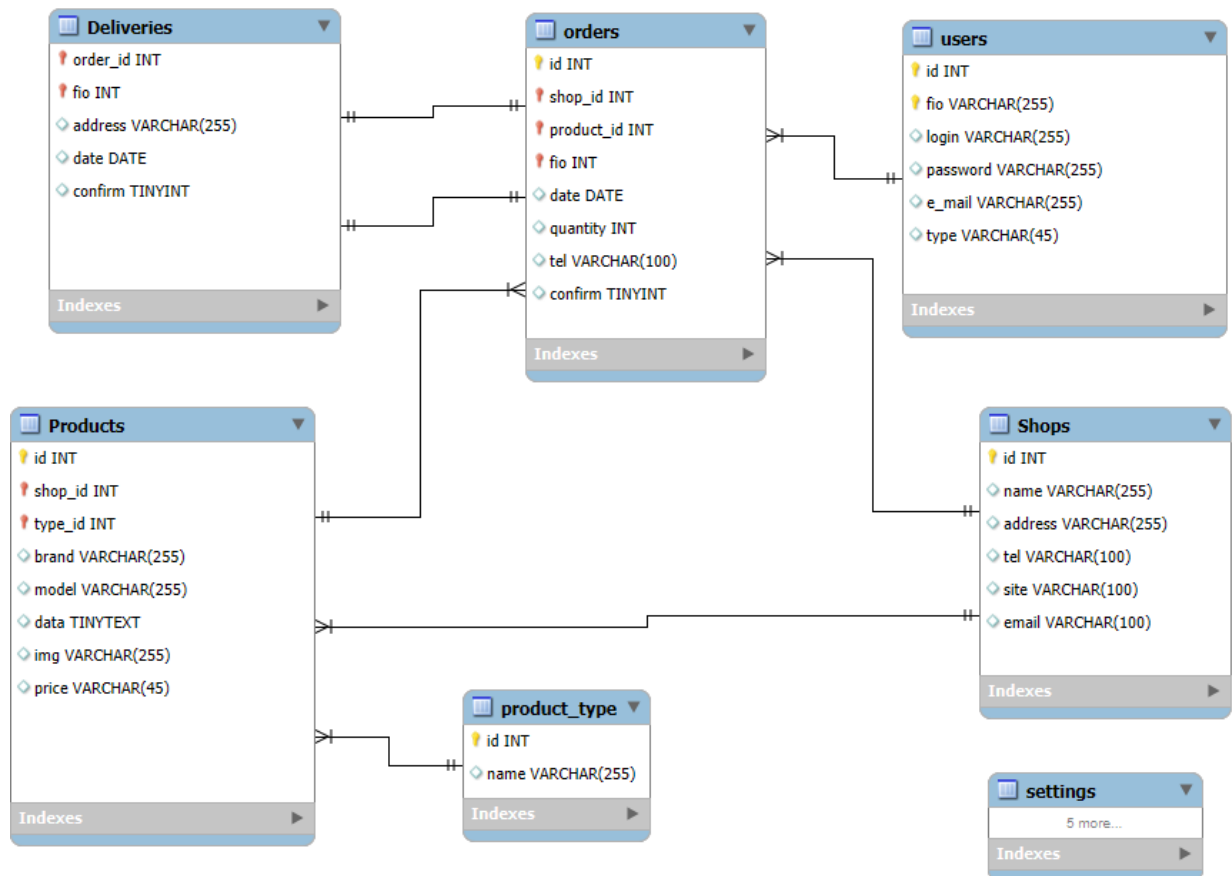
<https://gist.github.com/Vox0n/c3564cb9913a65dc15fe4b92ef8e73f5>

Фрагмент запроса с созданием таблицы invoice и fk

```
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 `product_idx` (`productid` ASC) VISIBLE,  
  CONSTRAINT `user`  
    FOREIGN KEY (`userid`)  
      REFERENCES `firstModel`.`user` (`id`)  
      ON DELETE CASCADE  
      ON UPDATE CASCADE,  
  CONSTRAINT `product`  
    FOREIGN KEY (`productid`)  
      REFERENCES `firstModel`.`product` (`idproduct`)  
      ON DELETE CASCADE  
      ON UPDATE CASCADE)  
ENGINE = InnoDB;
```

Задание 2:

Изображение схемы



SQL запрос

<https://gist.github.com/Vox0n/a09cdfbbe4764c489cd8b4010da62b77>

Фрагмент запроса

```
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` INT NULL,  
  `tel` VARCHAR(100) NULL,  
  `confirm` TINYINT NULL,  
  PRIMARY KEY (`id`, `shop_id`, `product_id`, `fio`),  
  UNIQUE INDEX `id_UNIQUE` (`id` ASC) VISIBLE,  
  INDEX `orders_to_product_idx` (`product_id` ASC) VISIBLE,  
  INDEX `orders_to_users_idx` (`fio` ASC) VISIBLE,
```

```
INDEX `orders_to_shop_idx` (`shop_id` ASC) VISIBLE,  
CONSTRAINT `orders_to_product`  
  FOREIGN KEY (`product_id`)  
  REFERENCES `mydb`.`Products` (`id`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION,  
CONSTRAINT `orders_to_users`  
  FOREIGN KEY (`fio`)  
  REFERENCES `mydb`.`users` (`id`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION,  
CONSTRAINT `orders_to_shop`  
  FOREIGN KEY (`shop_id`)  
  REFERENCES `mydb`.`Shops` (`id`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

Задание 3.

Forward Engineer to Database

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

Задание 4.

users shops products product_type orders deliveries settings

Limit to 1000 rows

1 • `SELECT * FROM mydb.users;`

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	id	fio	login	password	e_mail	type
	1	Постов Н.В.	12	qwerty1	pos@.com	lv1
▶	2	Караев Л.М.	13	qwerty2	caraev@.ru	lv2
*	NULL	NULL	NULL	NULL	NULL	NULL

users shops products product_type orders deliveries settings

Limit to 1000 rows

1 • `SELECT * FROM mydb.shops;`

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	id	name	address	tel	site	email
	22	Дикси	Спб	1000	дикси.org	dik\$@.ru
▶	33	Пятёрочка	Мск	2000	5.ru	fife5@.com
*	NULL	NULL	NULL	NULL	NULL	NULL

[illegible]

[illegible]

