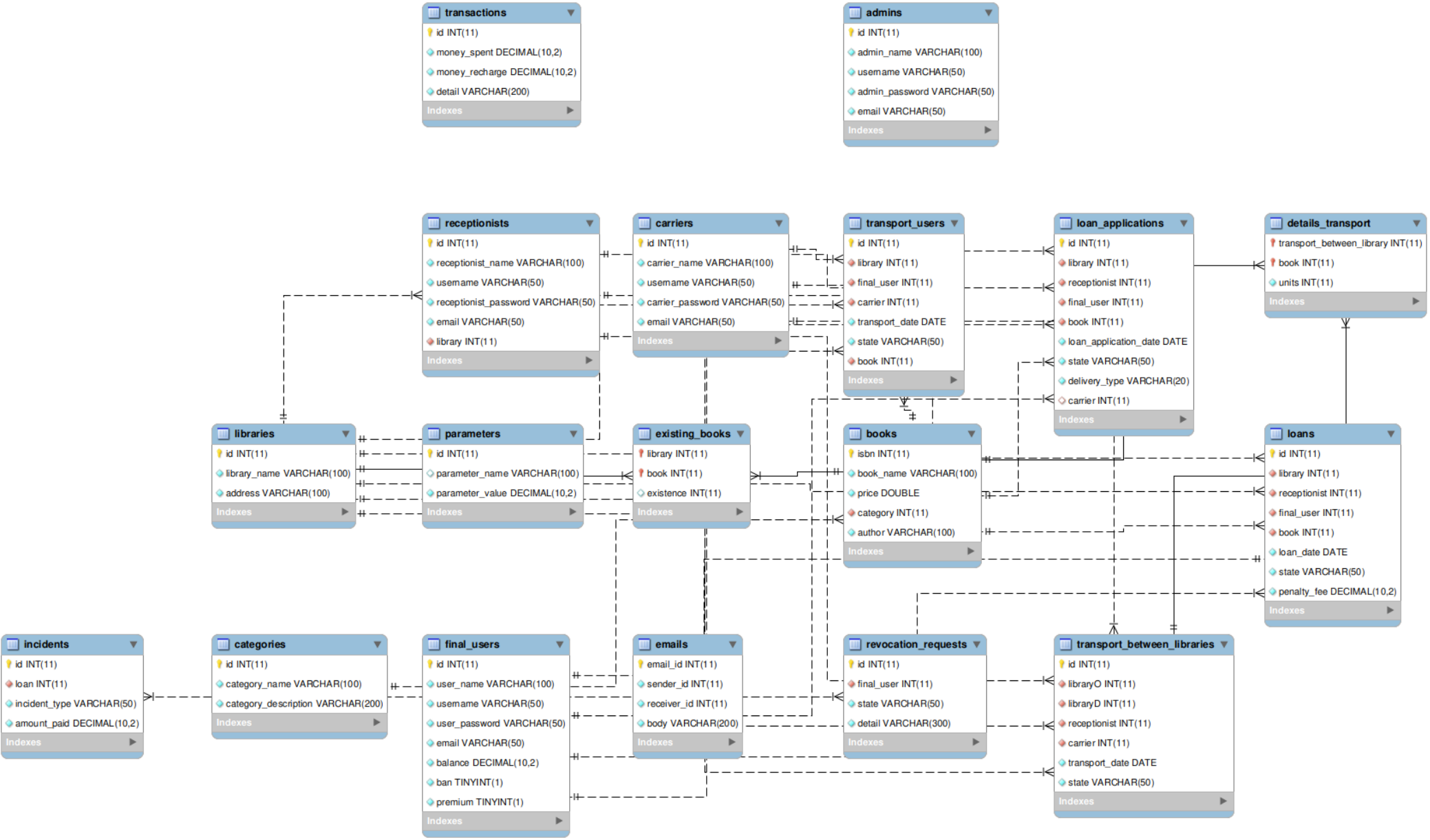
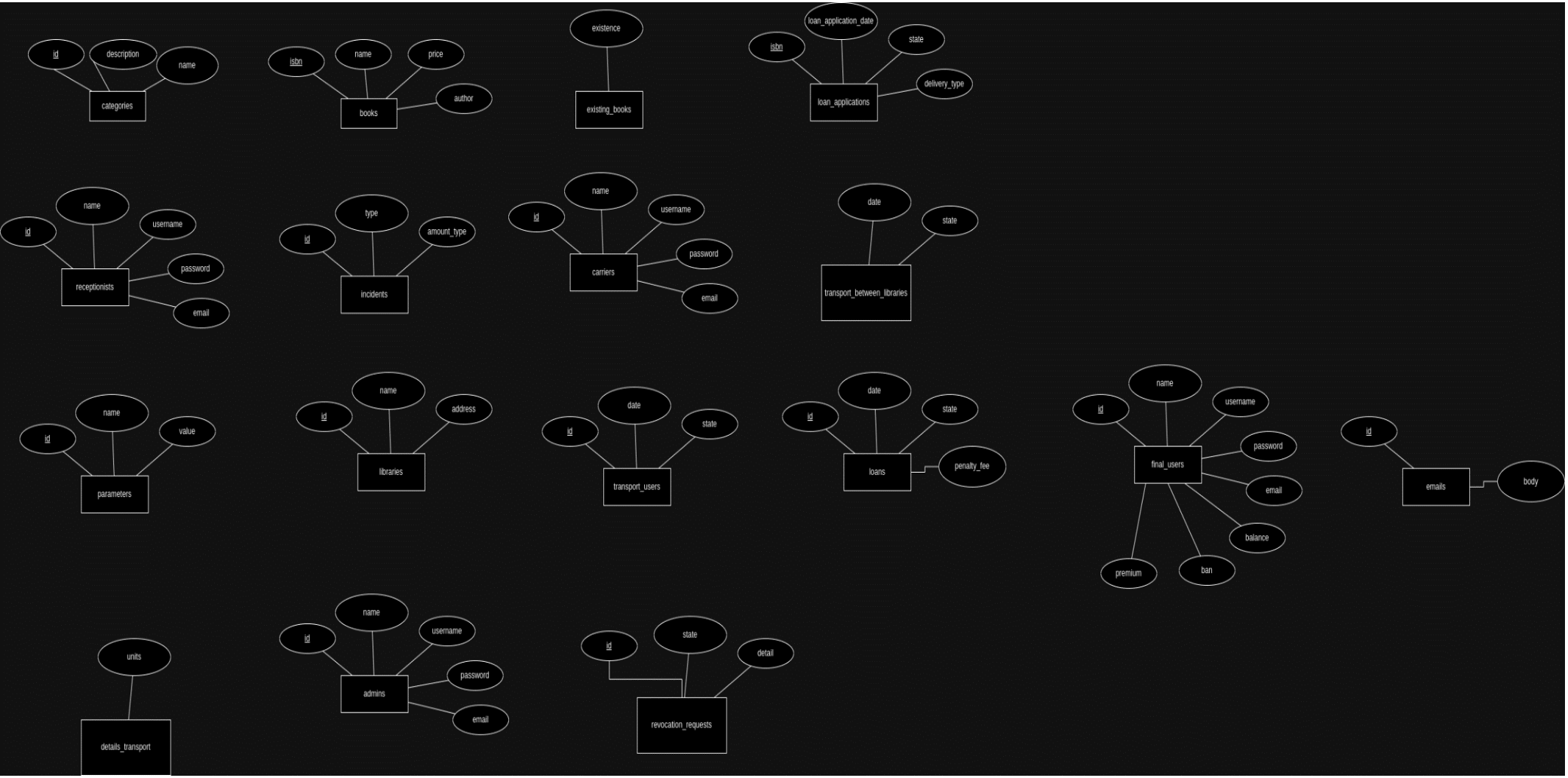

transactions
id INT(11)
money_spent DECIMAL(10,2)
money_recharge DECIMAL(10,2)
detail VARCHAR(200)
Indexes
admins
id INT(11)
admin_name VARCHAR(100)
username VARCHAR(50)
admin_password VARCHAR(50)
email VARCHAR(50)
Indexes
receptionists
id INT(11)
receptionist_name VARCHAR(100)
username VARCHAR(50)
receptionist_password VARCHAR(50)
email VARCHAR(50)
library INT(11)
Indexes
carriers
id INT(11)
carrier_name VARCHAR(100)
username VARCHAR(50)
carrier_password VARCHAR(50)
email VARCHAR(50)
Indexes
transport_users
id INT(11)
library INT(11)
final_user INT(11)
carrier INT(11)
transport_date DATE
state VARCHAR(50)
book INT(11)
Indexes
loan_applications
id INT(11)
library INT(11)
receptionist INT(11)
final_user INT(11)
book INT(11)
loan_application_date DATE
state VARCHAR(50)
delivery_type VARCHAR(20)
carrier INT(11)
Indexes
details_transport
transport_between_library INT(11)
book INT(11)
units INT(11)
Indexes
libraries
id INT(11)
library_name VARCHAR(100)
address VARCHAR(100)
Indexes
parameters
id INT(11)
parameter_name VARCHAR(100)
parameter_value DECIMAL(10,2)
Indexes
existing_books
library INT(11)
book INT(11)
existence INT(11)
Indexes
books
isbn INT(11)
book_name VARCHAR(100)
price DOUBLE
category INT(11)
author VARCHAR(100)
Indexes
loans
id INT(11)
library INT(11)
receptionist INT(11)
final_user INT(11)
book INT(11)
loan_date DATE
state VARCHAR(50)
penalty_fee DECIMAL(10,2)
Indexes
incidents
id INT(11)
loan INT(11)
incident_type VARCHAR(50)
amount_paid DECIMAL(10,2)
Indexes
categories
id INT(11)
category_name VARCHAR(100)
category_description VARCHAR(200)
Indexes
final_users
id INT(11)
user_name VARCHAR(100)
username VARCHAR(50)
user_password VARCHAR(50)
email VARCHAR(50)
balance DECIMAL(10,2)
ban TINYINT(1)
premium TINYINT(1)
Indexes
emails
email_id INT(11)
sender_id INT(11)
receiver_id INT(11)
body VARCHAR(200)
Indexes
revocation_requests
id INT(11)
final_user INT(11)
state VARCHAR(50)
detail VARCHAR(300)
Indexes
transport_between_libraries
id INT(11)
libraryO INT(11)
libraryD INT(11)
receptionist INT(11)
carrier INT(11)
transport_date DATE
state VARCHAR(50)
Indexes


id
description
name
categories
isbn
name
price
author
books
existence
existing_books
loan_application_date
isbn
state
delivery_type
loan_applications
name
id
username
password
email
receptionists
type
id
amount_type
incidents
name
id
username
password
email
carriers
date
state
transport_between_libraries
name
id
value
parameters
name
id
address
libraries
date
id
state
transport_users
date
id
state
penalty_fee
loans
name
id
username
password
email
balance
ban
premium
final_users
id
body
emails
units
details_transport
name
id
username
password
email
admins
id
state
detail
revocation_requests