

finclaw数据库结构说明文档

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1. 后端数据对象说明
 - 1.1 银行用例
 - 1.1.1 项目管理相关
 - 1.1.1.1 ProjectForm
 - 1.1.1.2 ProjectVO
 - 1.1.1.3 Project
 - 1.1.1.4 AttendanceVO
 - 1.1.1.5 Attendance
 - 1.1.2 联邦学习相关
 - 1.1.2.1 Model
 - 1.1.3 放贷相关
 - 1.1.3.1 LendingForm
 - 1.1.3.2 LendingHistoryVO
 - 1.1.3.3 LendingHistory
 - 1.2 数据提供方用例
 - 1.2.1 服务器信息相关
 - 1.2.1.1 serverInfoForm
 - 1.2.1.2 serverInfoVO
 - 1.2.1.3 serverInfo
 - 1.3 小微企业用例
 - 1.3.1 借贷相关
 - 1.3.1.1 LoanApplicationForm
 - 1.3.1.2 LoanApplicationVO
 - 1.3.1.3 LoanApplication
 - 1.4 平台工作人员用例
 - 1.4.1 资料认证相关
 - 1.4.1.1 FileInfoVO
 - 1.5 公共部分用例
 - 1.5.1 登录注册相关
 - 1.5.1.1 UserLoginForm
 - 1.5.1.2 UserRegisterForm
 - 1.5.1.3 UserVO
 - 1.5.1.4 User
 - 1.5.2 账户管理相关
 - 1.5.2.1 UserForm
2. 数据库设计
 - 2.1 user表
 - 2.2 project表
 - 2.3 attendance表
 - 2.4 model表
 - 2.5 lendingHistory表
 - 2.6 serverInfo表
 - 2.7 loanApplication
 - 2.8 FileInfo
3. 附录
 - 3.1 数据库建表sql文件

1. 后端数据对象说明

特别说明：

- *Form 用于填写表单的对象，例如注册或提交信息
- *VO 用于返回某个对象的信息
- *PO用于与数据库交互

1.1 银行用例

1.1.1 项目管理相关

1.1.1.1 ProjectForm

```
public class ProjectForm{
    private Integer userID;//创建者的ID
    private String projectName;
    private String description;
    private Timestamp startTime;
    private Timestamp endTime;
}
```

1.1.1.2 ProjectVO

```
public class ProjectVO{
    private Integer projectID;
    private Integer userID;//创建者的ID
    private String projectName;
    private String description;
    private ProjectStatus status;
    private Timestamp startTime;
    private Timestamp endTime;
}
```

1.1.1.3 Project

```
public class Project{
    private Integer projectID;
    private Integer userID;//创建者的ID
    private Integer modelID;//一个项目对应一个模型
    private String projectName;
    private String description;
    private ProjectStatus status;
    private Timestamp startTime;
    private Timestamp endTime;
}
```

1.1.1.4 AttendanceVO

```
//记录一条项目参与记录
public class AttendanceVO{
    private Integer userID;
    private Integer projectID;
    private boolean isChosen;//银行是否选择这个数据提供方的数据训练
    private boolean isReady;//数据提供方是否准备好数据
}
```

1.1.1.5 Attendance

```
public class Attendance{
    private Integer userID;
    private Integer projectID;
    private boolean isChosen;
    private boolean isReady;
}
```

1.1.2 联邦学习相关

1.1.2.1 Model

```
public class Model{
    private Integer modelID;
    private String mid;
    private String jid;
    private String modelVersion;//和mid一起标识当前版本模型
    private String modelName;//在load_bind时需要指明，predict时是使用mname来进行标识
}
```

1.1.3 放贷相关

1.1.3.1 LendingForm

```
public class LendingForm{
    private Integer bankID;//银行的userID
    private Integer lenderID; //贷款的小微企业的userID
    private String bankName;
    private double amount;//意愿贷款数额
    private double interestRate;//年利率
    private String phoneNumber;//银行经理联系方式
    private String description;//贷款说明
}
```

1.1.3.2 LendingHistoryVO

```
public class LendingHistoryVO{
    private Integer lendingHistoryID;
    private Integer bankID;//银行的userID
    private Integer lenderID; //贷款的小微企业的userID
    private String bankName;
    private double amount;//意愿贷款数额
    private double interestRate;//年利率
    private String phoneNumber;
    private boolean hasDealt;//借款人完成借款时置为true
}
```

1.1.3.3 LendingHistory

```
public class LendingHistory{
    private Integer lendingHistoryID;
    private Integer bankID;//银行的userID
    private Integer lenderID; //贷款的小微企业的userID
    private String bankName;
    private double amount;//意愿贷款数额
    private double interestRate;//年利率
    private String phoneNumber;
    private boolean hasDealt;//借款人完成借款时置为true
}
```

1.2 数据提供方用例

1.2.1 服务器信息相关

1.2.1.1 serverInfoForm

//每次参加项目都要填写服务器信息，因为一个用户可能用不同服务器参加不同项目

```
public class serverInfoForm{
    private Integer userID;
    private Integer projectID;
    private String ipAddress;
    private String serverName;
    private String serverPassword;
    private String filePath;//数据提供方数据存放位置
}
```

1.2.1.2 serverInfoVO

```
public class serverInfoVO{
    private Integer userID;
    private Integer projectID;
    private String ipAddress;
    private String serverName;
    private String serverPassword;
    private String filePath;
}
```

1.2.1.3 serverInfo

```
public class serverInfo{
    private Integer serverInfoID;//一台服务器只能用一个ID参与一个项目，所以要用
serverInfoID来标识
    private Integer userID;
    private Integer projectID;
    private String ipAddress;
    private String serverName;
    private String serverPassword;
    private String filePath;
}
```

1.3 小微企业用例

1.3.1 借贷相关

1.3.1.1 LoanApplicationForm

```
public class LoanApplicationForm{
    private Integer userID;
    private double amount;//预期借款额
    private String phoneNumber;//贷款人联系电话
    private String certificationCode;//社会统一认证代码
    private String registrationCode;//注册号
    private String companyName;
}
```

1.3.1.2 LoanApplicationVO

```
public class LoanApplicationVO{
    private Integer loanApplicationID;
    private Integer userID;
    private double amount;//预期借款额
    private String phoneNumber;//贷款人联系电话
    private String certificationCode;//社会统一认证代码
    private String registrationCode;//注册号
    private String companyName;
    private boolean hasDealt;//借款人完成借款时置为true
}
```

1.3.1.3 LoanApplication

```
public class LoanApplication{
    private Integer loanApplicationID;
    private Integer userID;
    private double amount;//预期借款额
    private String phoneNumber;//贷款人联系电话
    private String certificationCode;//社会统一认证代码
    private String registrationCode;//注册号
    private String companyName;
    private boolean hasDealt;//借款人完成借款时置为true
}
```

1.4 平台工作人员用例

1.4.1 资料认证相关

1.4.1.1 FileInfoVO

```
public class FileInfo {
    private Integer fileID;
    private Integer userID;
    private String fileName;
    private String filePath;
    private Timestamp uploadTime;
}
```

1.5 公共部分用例

1.5.1 登录注册相关

1.5.1.1 UserLoginForm

```
public class UserLoginForm {  
    private String email;  
    private String password;  
}
```

1.5.1.2 UserRegisterForm

```
public class UserRegisterForm {  
    private String email;  
    private String password;  
    private String userName;  
    private String phoneNumber;  
    private UserType role;//希望以什么身份注册  
}
```

1.5.1.3 UserVO

```
public class UserVO {  
    private Integer userID;  
    private String email;  
    private String password;  
    private String username;  
    private String phoneNumber;  
    private UserType role;  
}
```

1.5.1.4 User

```
public class User {  
    private Integer userID;  
    private String email;  
    private String password;  
    private String username;  
    private String phoneNumber;  
    private UserType role;  
}
```

1.5.2 账户管理相关

1.5.2.1 UserForm

```
public class UserForm {  
    private String email;  
    private String username;  
    private String phoneNumber;  
}
```

2. 数据库设计

2.1 user表

field	type	允许空	缺省值	description
userID	INT	否	自增	用户的ID号（唯一）
email	varchar(255)	否	无	用户邮箱
password	varchar(255)	否	无	用户密码
username	varchar(255)	否	无	用户名称
phoneNumber	varchar(255)	否	无	用户手机号
role	varchar(255)	否	无	用户角色(4+1, 还有未认证用户)

2.2 project表

field	type	允许空	缺省值	description
projectID	INT	否	自增	项目编号
userID	INT	否	无	创建项目的用户
projectName	varchar(255)	否	无	项目名称
description	varchar(255)	是	无	项目描述
startTime	timestamp	是	无	项目的开始时间
endTime	timestamp	是	无	项目的结束时间
status	varchar(255)	是	无	项目的状态, 尚未开始or正在运行or已结束
modelID	INT	是	无	一个项目对应一个model

2.3 attendance表

记录合作企业参加了哪些项目

field	type	允许空	缺省值	description
userID	INT	否	无	数据提供方的账号ID
projectID	INT	否	无	项目代号
isChosen	INT	是	0	银行是否选择这个数据提供方的数据训练
isReady	INT	是	0	数据提供方是否准备好数据

2.4 model表

记录项目对应的模型的信息，主要记录的是submit后返回的model_id,model_version,job_id等信息，用于后续load_bind和predict操作

field	type	允许空	缺省值	description
modelID	INT	否	自增	主键
mid	varchar(255)	是	无	和modelVersion一起标识模型版本
jid	varchar(255)	是	无	用于query查询模型状态
modelVersion	varchar(255)	是	无	和mid一起标识模型版本
modelName	varchar(255)	是	无	模型名称，predict时要用

2.5 lendingHistory表

field	type	允许空	缺省值	description
lendingHistoryID	INT	否	自增	借款记录的标识
bankID	INT	否	无	借款银行的userID
lenderID	INT	否	无	借款方的userID
bankName	varchar(255)	否	无	借款银行的名称
amount	DECIMAL	否	无	意愿借款数额
interestRate	DECIMAL	否	无	年利率
phoneNumber	varchar(255)	否	无	银行联系电话
hasDealt	INT	否	0	借款方完成贷款时置为1

2.6 serverInfo表

field	type	允许空	缺省值	description
serverInfoID	INT	否	自增	主键
userID	INT	否	无	一个用户可能用不同的服务器参见不同项目
projectID	INT	否	无	
ipAddress	varchar(255)	否	无	
serverName	varchar(255)	否	无	
serverPassword	varchar(255)	否	无	
filePath	varchar(255)	否	无	数据文件路径

2.7 loanApplication

field	type	允许空	缺省值	description
loanApplicationID	INT	否	自增	主键
userID	INT	否	无	
amount	DECIMAL	否	无	意愿借款数额
certificationCode	varchar(255)	否	无	社会统一认证代码
registrationCode	varchar(255)	否	无	注册码
companyName	varchar(255)	否	无	公司名称
phoneNumber	varchar(255)	否	无	贷款人联系电话
hasDealt	INT	否	0	借款方完成贷款时置为1

2.8 FileInfo

记录用户上传的文件信息

field	type	允许空	缺省值	description
fileID	INT	否	自增	主键
userID	INT	否	无	上传该文件的用户
fileName	varchar(255)	否	无	文件名
filePath	varchar(255)	否	无	服务器存储文件的路径
uploadTime	varchar(255)	否	无	上传时间

3. 附录

3.1 数据库建表sql文件

```
-- MySQL dump 10.13  Distrib 5.7.19, for macos10.12 (x86_64)
--
-- Host: 127.0.0.1    Database: FinClaw
-- -----
-- Server version    5.7.19-log

/*!40101 SET @OLD_CHARACTER_SET_CLIENT = @@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS = @@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION = @@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE = @@TIME_ZONE */;
/*!40103 SET TIME_ZONE = '+08:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS = @@UNIQUE_CHECKS, UNIQUE_CHECKS = 0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS = @@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS = 0 */;
/*!40101 SET @OLD_SQL_MODE = @@SQL_MODE, SQL_MODE = 'NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES = @@SQL_NOTES, SQL_NOTES = 0 */;
```

```

--
-- Table structure for table `User`
--

DROP TABLE IF EXISTS `User`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `User`
(
  `userID`      int(11)      NOT NULL AUTO_INCREMENT,
  `email`       varchar(255) NOT NULL,
  `password`    varchar(255) NOT NULL,
  `username`    varchar(255) NOT NULL,
  `phoneNumber` varchar(255) NOT NULL,
  `role`        varchar(255) NOT NULL,
  PRIMARY KEY (`userID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 1
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `FinClawUser`
--

BEGIN;
/*!40000 ALTER TABLE `User`
  DISABLE KEYS */;
INSERT INTO `User`
VALUES (1, '123@qq.com', '123456', 'root', 12345678911, 'Admin');
INSERT INTO `User`
VALUES (2, '123456@qq.com', '123456', 'root1', 12345678911, 'Admin');
INSERT INTO `User`
VALUES (3, 'huaqi@qq.com', '123456', '花旗银行', 12345678911, 'Bank');
INSERT INTO `User`
VALUES (4, 'jd@qq.com', '123456', 'JD', 12345678911, 'DataProvider');
INSERT INTO `User`
VALUES (5, 'mt@qq.com', '123456', 'MT', 12345678911, 'DataProvider');
INSERT INTO `User`
VALUES (6, 'bd@qq.com', '123456', 'BD', 12345678911, 'DataProvider');
INSERT INTO `User`
VALUES (7, 'a@qq.com', '123456', 'A', 12345678911, 'Company');
INSERT INTO `User`
VALUES (8, 'b@qq.com', '123456', 'B', 12345678911, 'UnauthorizedCompany');
/*!40000 ALTER TABLE `User`
  ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `Project`
--

DROP TABLE IF EXISTS `Project`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `Project`

```

```

(
    `projectID`    int(11)      NOT NULL AUTO_INCREMENT,
    `userID`       int(11)      NOT NULL,
    `projectName`  varchar(255) NOT NULL,
    `description`  varchar(255),
    `startTime`    timestamp,
    `endTime`      timestamp,
    `status`       varchar(255),
    `modelID`      varchar(255),
    PRIMARY KEY (`projectID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 1
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `Project`
--

BEGIN;
/*!40000 ALTER TABLE `Project`
  DISABLE KEYS */;
INSERT INTO `Project`
VALUES (1, 3, '南京市活动1', '企业信用预测', NOW(), date_add(NOW(), interval 10
day), 'Running', null);
INSERT INTO `Project`
VALUES (2, 3, '南京市活动2', '企业信用预测', NOW(), date_add(NOW(), interval 1
month), 'Running', null);
INSERT INTO `Project`
VALUES (3, 3, '南京市活动2', '企业信用预测', NOW(), date_add(NOW(), interval 2
month), 'Running', null);
/*!40000 ALTER TABLE `Project`
  ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `Attendance`
--

DROP TABLE IF EXISTS `Attendance`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `Attendance`
(
    `userID`      int(11) NOT NULL,
    `projectID`   int(11) NOT NULL,
    `isChosen`    int(11),
    `isReady`     int(11)
) ENGINE = InnoDB
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `Attendance`
--

BEGIN;

```

```

/*!40000 ALTER TABLE `Attendance`
    DISABLE KEYS */;
INSERT INTO `Attendance`
VALUES (4, 1, 1, 1);
INSERT INTO `Attendance`
VALUES (5, 1, 1, 1);
INSERT INTO `Attendance`
VALUES (6, 1, 1, 1);
/*!40000 ALTER TABLE `Attendance`
    ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `Model`
--

DROP TABLE IF EXISTS `Model`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `Model`
(
    `modelID`      int(11) NOT NULL AUTO_INCREMENT,
    `mid`          varchar(255),
    `modelVersion` varchar(255),
    `modelName`    varchar(255),
    `jid`          varchar(255),
    PRIMARY KEY (`modelID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 1
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `Model`
--

BEGIN;
/*!40000 ALTER TABLE `Model`
    DISABLE KEYS */;
INSERT INTO `Model`
VALUES (1, 'null', 'null', 'SVM', 'null');
INSERT INTO `Model`
VALUES (2, 'null', 'null', 'Regression', 'null');
INSERT INTO `Model`
VALUES (3, 'null', 'null', 'NeuralNetwork', 'null');
INSERT INTO `Model`
VALUES (4, 'null', 'null', 'SecureBoost', 'null');
/*!40000 ALTER TABLE `Model`
    ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `Monitor`
--

DROP TABLE IF EXISTS `Monitor`;

```

```

/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `Monitor`
(
    `monitorID` int(11) NOT NULL AUTO_INCREMENT,
    `userID` int(11) NOT NULL,
    `projectID` int(11) NOT NULL,
    `operation` varchar(255) NOT NULL,
    `operateTime` timestamp,
    PRIMARY KEY (`monitorID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 1
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `Monitor`
--

BEGIN;
/*!40000 ALTER TABLE `Monitor`
  DISABLE KEYS */;
INSERT INTO `Monitor`
VALUES (1, 3, 1, 'Add', date_add(NOW(), interval 10 day));
INSERT INTO `Monitor`
VALUES (2, 3, 1, 'Add', date_add(NOW(), interval 1 month));
INSERT INTO `Monitor`
VALUES (3, 3, 2, 'Delete', date_add(NOW(), interval 2 month));
/*!40000 ALTER TABLE `Monitor`
  ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `lendingHistory`
--

DROP TABLE IF EXISTS `lendingHistory`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `lendingHistory`
(
    `lendingHistoryID` int(11) NOT NULL AUTO_INCREMENT,
    `bankID` int(11) NOT NULL,
    `lenderID` int(11) NOT NULL,
    `bankName` varchar(255) NOT NULL,
    `amount` DECIMAL NOT NULL,
    `interestRate` DECIMAL NOT NULL,
    `phoneNumber` varchar(255) NOT NULL,
    `hasDealt` int(11) NOT NULL,
    PRIMARY KEY (`lendingHistoryID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 1
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `lendingHistory`

```

```

--

BEGIN;
/*!40000 ALTER TABLE `lendingHistory`
    DISABLE KEYS */;
INSERT INTO `lendingHistory`
VALUES (1, 3, 7, '花旗银行', 100000, 0.1, 12345678911, 0);
/*!40000 ALTER TABLE `lendingHistory`
    ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `serverInfo`
--

DROP TABLE IF EXISTS `serverInfo`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `serverInfo`
(
    `serverInfoID` int(11) NOT NULL AUTO_INCREMENT,
    `userID` int(11) NOT NULL,
    `projectID` int(11) NOT NULL,
    `ipAddress` varchar(255) NOT NULL,
    `serverName` varchar(255) NOT NULL,
    `serverPassword` varchar(255) NOT NULL,
    `filePath` varchar(255) NOT NULL,
    PRIMARY KEY (`serverInfoID`)
) ENGINE = InnoDB
    DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `serverInfo`
--

BEGIN;
/*!40000 ALTER TABLE `serverInfo`
    DISABLE KEYS */;
INSERT INTO `serverInfo`
VALUES (1, 4, 1, 'null', 'null', 'null', 'null');
INSERT INTO `serverInfo`
VALUES (2, 5, 1, 'null', 'null', 'null', 'null');
INSERT INTO `serverInfo`
VALUES (3, 6, 1, 'null', 'null', 'null', 'null');
/*!40000 ALTER TABLE `serverInfo`
    ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `loanApplication`
--

DROP TABLE IF EXISTS `loanApplication`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;

```

```

CREATE TABLE `loanApplication`
(
    `loanApplicationID` int(11)      NOT NULL AUTO_INCREMENT,
    `userID`            int(11)      NOT NULL,
    `amount`            DECIMAL      NOT NULL,
    `certificationCode` varchar(255) NOT NULL,
    `registrationCode`  varchar(255) NOT NULL,
    `companyName`        varchar(255) NOT NULL,
    `phoneNumber`        varchar(255) NOT NULL,
    `hasDealt`           int(11)      NOT NULL,
    PRIMARY KEY (`loanApplicationID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 1
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `loanApplication`
--

BEGIN;
/*!40000 ALTER TABLE `loanApplication`
  DISABLE KEYS */;
INSERT INTO `loanApplication`
VALUES (1, 7, 100000, 'null', 'null', 'A', 12345678911, false);
/*!40000 ALTER TABLE `loanApplication`
  ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `lendingHistory`
--

DROP TABLE IF EXISTS `lendingHistory`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `lendingHistory`
(
    `lendingHistoryID` int(11)      NOT NULL AUTO_INCREMENT,
    `bankID`           int(11)      NOT NULL,
    `lenderID`         DECIMAL      NOT NULL,
    `bankName`          varchar(255) NOT NULL,
    `amount`            DECIMAL      NOT NULL,
    `interestRate`     DECIMAL      not null,
    `phoneNumber`        varchar(255) NOT NULL,
    `hasDealt`           int(11)      NOT NULL,
    PRIMARY KEY (`lendingHistoryID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 1
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `lendingHistory`
--

BEGIN;
/*!40000 ALTER TABLE `lendingHistory`

```

```

        DISABLE KEYS */;
INSERT INTO `lendingHistory`
VALUES (1, 1, 1, 'Citi', 20000.00, 0.17, 12345678911, false);
/*!40000 ALTER TABLE `lendingHistory`
    ENABLE KEYS */;
COMMIT;

--
-- Table structure for table `File`
--

DROP TABLE IF EXISTS `File`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `File`
(
    `fileID`      int(11)      NOT NULL AUTO_INCREMENT,
    `fileName`    varchar(255) NOT NULL,
    `uploadTime`  timestamp DEFAULT current_timestamp,
    `userID`      int(11)      NOT NULL,
    `filePath`    varchar(255) NOT NULL,
    PRIMARY KEY (`fileID`)
) ENGINE = InnoDB
  AUTO_INCREMENT = 4
  DEFAULT CHARSET = utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `File`
--

BEGIN;
/*!40000 ALTER TABLE `File`
    DISABLE KEYS */;
INSERT INTO `File`
VALUES (1, 'test.csv', NOW(), 1, 'D:/user');
/*!40000 ALTER TABLE `File`
    ENABLE KEYS */;
COMMIT;

/*!40103 SET TIME_ZONE = @OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE = @OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS = @OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS = @OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT = @OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS = @OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION = @OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES = @OLD_SQL_NOTES */;

-- Dump completed on 2020-04-12 10:08:42
SET FOREIGN_KEY_CHECKS = 1;

```


