**CREATE TABLE** `sys\_loginfo` (  
 **`li\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '登陆信息id'**,  
 **`login\_name` varchar**(255) **DEFAULT NULL COMMENT '登录名字'**,  
 **`login\_ip` varchar**(255) **DEFAULT NULL COMMENT '登录ip'**,  
 **`login\_time` datetime DEFAULT NULL COMMENT '登录时间'**,  
 **PRIMARY KEY** (**`li\_id`**)  
) **ENGINE**=InnoDB **AUTO\_INCREMENT**=485 **DEFAULT CHARSET**=utf8 **COMMENT**=**'登录记录'**;

**CREATE TABLE** `bus\_doctortime` (  
 **`doctortime\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '医生工作时间id'**,  
 **`doctor\_id` int**(11) **NOT NULL COMMENT '医生id'**,  
 **`startime` datetime NOT NULL COMMENT '工作时段开始'**,  
 **`endtime` datetime NOT NULL COMMENT '工作时段结束'**,  
 **`remain` int**(11) **NOT NULL DEFAULT '20' COMMENT '余号'**,  
 **`price` float NOT NULL COMMENT '挂号费用'**,  
 **PRIMARY KEY** (**`doctortime\_id`**),  
 **UNIQUE KEY** `bus\_doctortime\_doctortime\_id\_uindex` (**`doctortime\_id`**),  
 **KEY** `bus\_doctortime\_sys\_user\_user\_id\_fk` (**`doctor\_id`**),  
 **CONSTRAINT** `bus\_doctortime\_sys\_user\_user\_id\_fk` **FOREIGN KEY** (**`doctor\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **AUTO\_INCREMENT**=18 **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'医生工作时间'**;

**CREATE TABLE** `bus\_exam` (  
 **`exam\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '用于标识检查项目id'**,  
 **`exam\_name` varchar**(45) **NOT NULL COMMENT '检查项目名称'**,  
 **`price` decimal**(10,0) **NOT NULL COMMENT '每次检查价格'**,  
 **`usage\_count` int**(11) **NOT NULL COMMENT '检查项目已用次数'**,  
 **PRIMARY KEY** (**`exam\_id`**),  
 **UNIQUE KEY** `exam\_id\_UNIQUE` (**`exam\_id`**),  
 **UNIQUE KEY** `name\_UNIQUE` (**`exam\_name`**)  
) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8 **COMMENT**=**'检查项目'**;

**CREATE TABLE** `bus\_examdoc` (  
 **`examdoc\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '检查报告文档id'**,  
 **`examtodo\_id` int**(11) **DEFAULT NULL COMMENT '生成该报告的检查单'**,  
 **`laboratorian\_id` int**(11) **NOT NULL COMMENT '检查医生的id'**,  
 **`record\_id` int**(11) **NOT NULL COMMENT '生成该报告的病历'**,  
 **`createtime` datetime NOT NULL COMMENT '创建时间'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`content` varchar**(255) **DEFAULT NULL COMMENT '检查的结果'**,  
 **PRIMARY KEY** (**`examdoc\_id`**),  
 **UNIQUE KEY** `bus\_examdoc\_examdoc\_id\_uindex` (**`examdoc\_id`**),  
 **KEY** `bus\_examdoc\_bus\_examtodo\_examtodo\_id\_fk` (**`examtodo\_id`**),  
 **KEY** `bus\_examdoc\_bus\_record\_record\_id\_fk` (**`record\_id`**),  
 **KEY** `bus\_examdoc\_sys\_user\_id\_fk\_idx` (**`laboratorian\_id`**),  
 **CONSTRAINT** `bus\_examdoc\_bus\_examtodo\_examtodo\_id\_fk` **FOREIGN KEY** (**`examtodo\_id`**) **REFERENCES** `bus\_examtodo` (**`examtodo\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_examdoc\_bus\_record\_record\_id\_fk` **FOREIGN KEY** (**`record\_id`**) **REFERENCES** `bus\_record` (**`record\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_examdoc\_sys\_user\_id\_fk` **FOREIGN KEY** (**`laboratorian\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'检查报告'**;

**CREATE TABLE** `bus\_examqueue` (  
 **`queue\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '检查队列id'**,  
 **`queue\_number` int**(11) **DEFAULT NULL COMMENT '检查号'**,  
 **`examregister\_id` int**(11) **NOT NULL COMMENT '检查挂号id'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **PRIMARY KEY** (**`queue\_id`**),  
 **KEY** `bus\_examqueue\_bus\_examregister\_examregister\_id\_fk` (**`examregister\_id`**),  
 **CONSTRAINT** `bus\_examqueue\_bus\_examregister\_examregister\_id\_fk` **FOREIGN KEY** (**`examregister\_id`**) **REFERENCES** `bus\_examregister` (**`examregister\_id`**)  
) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'排队看病'**;

**CREATE TABLE** `bus\_examregister` (  
 **`examregister\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '检查挂号id'**,  
 **`exam\_id` int**(11) **NOT NULL COMMENT '检查项目id'**,  
 **`createtime` timestamp NOT NULL DEFAULT** *CURRENT\_TIMESTAMP* **ON UPDATE** *CURRENT\_TIMESTAMP* **COMMENT '创建时间'**,  
 **`payment\_id` int**(11) **NOT NULL COMMENT '付款单id'**,  
 **`payment\_ifdone` tinyint**(4) **NOT NULL COMMENT '是否付款'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`examtime\_id` int**(11) **NOT NULL COMMENT '检查时间id'**,  
 **`examtodo\_id` int**(11) **NOT NULL COMMENT '检查单id'**,  
 **PRIMARY KEY** (**`examregister\_id`**),  
 **UNIQUE KEY** `bus\_examregister\_examregister\_id\_uindex` (**`examregister\_id`**),  
 **KEY** `bus\_examregister\_bus\_exam\_exam\_id\_fk` (**`exam\_id`**),  
 **KEY** `bus\_examregister\_bus\_examtime\_eaxmtime\_id\_fk` (**`examtime\_id`**),  
 **KEY** `bus\_examregister\_bus\_payment\_id\_fk\_idx` (**`payment\_id`**),  
 **KEY** `bus\_examregister\_bus\_examtodo\_id\_fk\_idx` (**`examtodo\_id`**),  
 **CONSTRAINT** `bus\_examregister\_bus\_exam\_exam\_id\_fk` **FOREIGN KEY** (**`exam\_id`**) **REFERENCES** `bus\_exam` (**`exam\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_examregister\_bus\_examtime\_eaxmtime\_id\_fk` **FOREIGN KEY** (**`examtime\_id`**) **REFERENCES** `bus\_examtime` (**`eaxmtime\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_examregister\_bus\_examtodo\_id\_fk` **FOREIGN KEY** (**`examtodo\_id`**) **REFERENCES** `bus\_examtodo` (**`examtodo\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_examregister\_bus\_payment\_id\_fk` **FOREIGN KEY** (**`payment\_id`**) **REFERENCES** `bus\_payment` (**`payment\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'检查预约单'**;

**CREATE TABLE** `bus\_examtime` (  
 **`eaxmtime\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '检查时间id'**,  
 **`exam\_id` int**(11) **NOT NULL COMMENT '检查项目id'**,  
 **`startime` timestamp NOT NULL DEFAULT** *CURRENT\_TIMESTAMP* **ON UPDATE** *CURRENT\_TIMESTAMP* **COMMENT '开始时间'**,  
 **`endtime` timestamp NOT NULL DEFAULT '0000-00-00 00:00:00' COMMENT '结束时间'**,  
 **`remain` int**(11) **NOT NULL COMMENT '余号'**,  
 **`price` double NOT NULL COMMENT '价格'**,  
 **PRIMARY KEY** (**`eaxmtime\_id`**),  
 **UNIQUE KEY** `bus\_laboratoriantime\_doctortime\_id\_uindex` (**`eaxmtime\_id`**),  
 **KEY** `bus\_examtime\_bus\_exam\_id\_fk\_idx` (**`exam\_id`**),  
 **CONSTRAINT** `bus\_examtime\_bus\_exam\_id\_fk` **FOREIGN KEY** (**`exam\_id`**) **REFERENCES** `bus\_exam` (**`exam\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'检验工作时间'**;

**CREATE TABLE** `bus\_examtodo` (  
 **`examtodo\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '检查单id'**,  
 **`record\_id` int**(11) **NOT NULL COMMENT '创建该检查单的病历报告id'**,  
 **`exam\_id` int**(11) **NOT NULL COMMENT '检查项目id'**,  
 **`createtime` datetime NOT NULL COMMENT '创建时间'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`pay\_ifdone` tinyint**(1) **NOT NULL DEFAULT '0' COMMENT '是否付款'**,  
 **PRIMARY KEY** (**`examtodo\_id`**),  
 **KEY** `bus\_examtodo\_bus\_record\_record\_id\_fk` (**`record\_id`**),  
 **KEY** `bus\_examtodo\_bus\_exam\_exam\_id\_fk` (**`exam\_id`**),  
 **CONSTRAINT** `bus\_examtodo\_bus\_exam\_exam\_id\_fk` **FOREIGN KEY** (**`exam\_id`**) **REFERENCES** `bus\_exam` (**`exam\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_examtodo\_bus\_record\_record\_id\_fk` **FOREIGN KEY** (**`record\_id`**) **REFERENCES** `bus\_record` (**`record\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'医生给患者开具的待检查项目单'**;

**CREATE TABLE** `bus\_meddoc` (  
 **`meddoc\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '取药报告文档id'**,  
 **`medtodo\_id` int**(11) **DEFAULT NULL COMMENT '生成该报告的药品单'**,  
 **`pharmacist\_id` int**(11) **NOT NULL COMMENT '开药医生的id'**,  
 **`record\_id` int**(11) **NOT NULL COMMENT '生成该报告的病历'**,  
 **`createtime` datetime NOT NULL COMMENT '创建时间'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`ifdone` tinyint**(4) **NOT NULL DEFAULT '0' COMMENT '是否完成给药'**,  
 **`ifdelivery` tinyint**(4) **NOT NULL DEFAULT '0' COMMENT '是否选择快递'**,  
 **`deliveryaddr` varchar**(255) **DEFAULT NULL COMMENT '快递地址'**,  
 **PRIMARY KEY** (**`meddoc\_id`**),  
 **UNIQUE KEY** `bus\_meddoc\_meddoc\_id\_uindex` (**`meddoc\_id`**),  
 **KEY** `bus\_meddoc\_bus\_medtodo\_medtodo\_id\_fk` (**`medtodo\_id`**),  
 **KEY** `bus\_meddoc\_bus\_record\_record\_id\_fk` (**`record\_id`**),  
 **KEY** `bus\_meddoc\_sys\_user\_id\_fk\_idx` (**`pharmacist\_id`**),  
 **CONSTRAINT** `bus\_meddoc\_bus\_medtodo\_medtodo\_id\_fk` **FOREIGN KEY** (**`medtodo\_id`**) **REFERENCES** `bus\_medtodo` (**`medtodo\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_meddoc\_bus\_record\_record\_id\_fk` **FOREIGN KEY** (**`record\_id`**) **REFERENCES** `bus\_record` (**`record\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_meddoc\_sys\_user\_id\_fk` **FOREIGN KEY** (**`pharmacist\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'药品报告'**;

**CREATE TABLE** `bus\_medicine` (  
 **`med\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '用于标识药品id'**,  
 **`med\_name` varchar**(45) **NOT NULL COMMENT '药品名称'**,  
 **`price` decimal**(10,0) **NOT NULL COMMENT '药品每份价格'**,  
 **`stock` int**(11) **NOT NULL COMMENT '药品剩余数量'**,  
 **PRIMARY KEY** (**`med\_id`**),  
 **UNIQUE KEY** `name\_UNIQUE` (**`med\_name`**),  
 **UNIQUE KEY** `med\_id\_UNIQUE` (**`med\_id`**)  
) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8 **COMMENT**=**'药品类目'**;

**CREATE TABLE** `bus\_medqueue` (  
 **`queue\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '取药排队id'**,  
 **`queue\_number` int**(11) **DEFAULT NULL COMMENT '取药号码'**,  
 **`medtodo\_id` int**(11) **NOT NULL COMMENT '取药单id'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **PRIMARY KEY** (**`queue\_id`**),  
 **KEY** `bus\_medqueue\_bus\_medtodo\_medtodo\_id\_fk` (**`medtodo\_id`**),  
 **CONSTRAINT** `bus\_medqueue\_bus\_medtodo\_medtodo\_id\_fk` **FOREIGN KEY** (**`medtodo\_id`**) **REFERENCES** `bus\_medtodo` (**`medtodo\_id`**)  
) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'排队取药'**;

**CREATE TABLE** `bus\_medtodo` (  
 **`medtodo\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '取药单id'**,  
 **`record\_id` int**(11) **NOT NULL COMMENT '创建该单的病历报告id'**,  
 **`med\_id` int**(11) **NOT NULL COMMENT '药品id'**,  
 **`createtime` datetime NOT NULL COMMENT '创建时间'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`pay\_ifdone` tinyint**(1) **NOT NULL DEFAULT '0' COMMENT '是否支付'**,  
 **PRIMARY KEY** (**`medtodo\_id`**),  
 **KEY** `bus\_medtodo\_bus\_exam\_exam\_id\_fk` (**`med\_id`**),  
 **KEY** `bus\_medtodo\_bus\_record\_record\_id\_fk` (**`record\_id`**),  
 **CONSTRAINT** `bus\_medtodo\_bus\_exam\_exam\_id\_fk` **FOREIGN KEY** (**`med\_id`**) **REFERENCES** `bus\_medicine` (**`med\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_medtodo\_bus\_record\_record\_id\_fk` **FOREIGN KEY** (**`record\_id`**) **REFERENCES** `bus\_record` (**`record\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'医生给患者开具的药物单'**;

**CREATE TABLE** `bus\_payment` (  
 **`payment\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '付款单id'**,  
 **`paymentitem\_id` int**(11) **NOT NULL COMMENT '缴费项目编号'**,  
 **`patient\_id` int**(11) **NOT NULL COMMENT '缴费患者id'**,  
 **`info` varchar**(255) **DEFAULT NULL COMMENT '缴费备注'**,  
 **`createtime` datetime NOT NULL COMMENT '缴费单创建时间'**,  
 **`donetime` datetime DEFAULT NULL COMMENT '缴费完成时间'**,  
 **`available` int**(11) **NOT NULL DEFAULT '1' COMMENT '是否可用，默认1'**,  
 **`amount` float NOT NULL COMMENT '缴费项目金额'**,  
 **`ifdone` tinyint**(1) **NOT NULL DEFAULT '0' COMMENT '缴费是否完成'**,  
 **PRIMARY KEY** (**`payment\_id`**),  
 **UNIQUE KEY** `bus\_payment\_payment\_id\_uindex` (**`payment\_id`**),  
 **KEY** `bus\_payment\_sys\_user\_user\_id\_fk` (**`patient\_id`**),  
 **KEY** `bus\_payment\_bus\_paymentitem\_paymentitem\_id\_fk` (**`paymentitem\_id`**),  
 **CONSTRAINT** `bus\_payment\_bus\_paymentitem\_paymentitem\_id\_fk` **FOREIGN KEY** (**`paymentitem\_id`**) **REFERENCES** `bus\_paymentitem` (**`paymentitem\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_payment\_sys\_user\_user\_id\_fk` **FOREIGN KEY** (**`patient\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **AUTO\_INCREMENT**=73 **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'缴费单'**;

**CREATE TABLE** `bus\_paymentitem` (  
 **`paymentitem\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '付款项目id'**,  
 **`paymentitem\_name` varchar**(20) **NOT NULL COMMENT '付款项目名称'**,  
 **PRIMARY KEY** (**`paymentitem\_id`**),  
 **UNIQUE KEY** `bus\_paymentitem\_paymentitem\_id\_uindex` (**`paymentitem\_id`**),  
 **UNIQUE KEY** `bus\_paymentitem\_paymentitem\_name\_uindex` (**`paymentitem\_name`**)  
) **ENGINE**=InnoDB **AUTO\_INCREMENT**=5 **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'缴费项目'**;

**CREATE TABLE** `bus\_record` (  
 **`record\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '用于标识唯一病历id'**,  
 **`patient\_id` int**(11) **DEFAULT NULL COMMENT '病人id'**,  
 **`doctor\_id` int**(11) **DEFAULT NULL COMMENT '医生id'**,  
 **`diagnosis` varchar**(255) **DEFAULT NULL COMMENT '诊断详情'**,  
 **`createtime` datetime DEFAULT NULL COMMENT '创建时间'**,  
 **`ifexam` tinyint**(4) **NOT NULL DEFAULT '0' COMMENT '是否需要检查'**,  
 **`ifdrug` tinyint**(4) **NOT NULL DEFAULT '0' COMMENT '是否需要用药'**,  
 **`iftreat` tinyint**(4) **NOT NULL DEFAULT '0' COMMENT '是否需要治疗'**,  
 **`available` tinyint**(4) **DEFAULT '1' COMMENT '是否可用'**,  
 **`ifdone` tinyint**(4) **NOT NULL DEFAULT '0' COMMENT '是否完成整个治疗流程'**,  
 **PRIMARY KEY** (**`record\_id`**),  
 **UNIQUE KEY** `record\_id\_UNIQUE` (**`record\_id`**),  
 **KEY** `record\_ibfk\_1\_idx` (**`patient\_id`**),  
 **KEY** `record\_ibfk\_2\_idx` (**`doctor\_id`**),  
 **CONSTRAINT** `record\_ibfk\_1` **FOREIGN KEY** (**`patient\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE SET NULL ON UPDATE CASCADE**,  
 **CONSTRAINT** `record\_ibfk\_2` **FOREIGN KEY** (**`doctor\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE SET NULL ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8 **COMMENT**=**'病历记录'**;

**CREATE TABLE** `bus\_register` (  
 **`register\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '挂号id'**,  
 **`patient\_id` int**(11) **NOT NULL COMMENT '病人id'**,  
 **`doctor\_id` int**(11) **NOT NULL COMMENT '医生id'**,  
 **`createtime` datetime NOT NULL COMMENT '创建时间'**,  
 **`payment\_id` int**(11) **NOT NULL COMMENT '付款单id'**,  
 **`payment\_ifdone` tinyint**(1) **NOT NULL DEFAULT '0' COMMENT '是否付款'**,  
 **`available` tinyint**(1) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`doctortime\_id` int**(11) **NOT NULL COMMENT '医生时间id'**,  
 **PRIMARY KEY** (**`register\_id`**),  
 **UNIQUE KEY** `bus\_register\_register\_id\_uindex` (**`register\_id`**),  
 **KEY** `bus\_register\_sys\_user\_id\_fk\_idx` (**`patient\_id`**),  
 **KEY** `bus\_register\_sys\_user\_id\_fk1\_idx` (**`doctor\_id`**),  
 **CONSTRAINT** `bus\_register\_sys\_user\_id\_fk1` **FOREIGN KEY** (**`patient\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_register\_sys\_user\_id\_fk2` **FOREIGN KEY** (**`doctor\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **AUTO\_INCREMENT**=68 **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'挂号单'**;

**CREATE TABLE** `bus\_registerqueue` (  
 **`queue\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '挂号排队id'**,  
 **`queue\_number` int**(11) **NOT NULL COMMENT '当前排在第几位'**,  
 **`register\_id` int**(11) **NOT NULL COMMENT '挂号单号'**,  
 **`available` tinyint**(4) **DEFAULT '1' COMMENT '是否可用'**,  
 **PRIMARY KEY** (**`queue\_id`**),  
 **UNIQUE KEY** `bus\_registerqueue\_queue\_id\_uindex` (**`queue\_id`**),  
 **KEY** `registerqueue\_bus\_register\_register\_id\_fk` (**`register\_id`**),  
 **CONSTRAINT** `registerqueue\_bus\_register\_register\_id\_fk` **FOREIGN KEY** (**`register\_id`**) **REFERENCES** `bus\_register` (**`register\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'排队看病'**;

**CREATE TABLE** `bus\_treatdoc` (  
 **`treatdoc\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '治疗报告文档id'**,  
 **`treattodo\_id` int**(11) **DEFAULT NULL COMMENT '生成该报告的治疗单'**,  
 **`nurse\_id` int**(11) **NOT NULL COMMENT '治疗医生的id'**,  
 **`record\_id` int**(11) **NOT NULL COMMENT '生成该报告的病历'**,  
 **`createtime` datetime NOT NULL COMMENT '创建时间'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`content` varchar**(255) **DEFAULT NULL COMMENT '治疗的结果'**,  
 **`ifdone` tinyint**(4) **NOT NULL DEFAULT '0' COMMENT '是否完成治疗'**,  
 **PRIMARY KEY** (**`treatdoc\_id`**),  
 **UNIQUE KEY** `bus\_treatdoc\_treatdoc\_id\_uindex` (**`treatdoc\_id`**),  
 **KEY** `bus\_treatdoc\_bus\_treattodo\_treattodo\_id\_fk` (**`treattodo\_id`**),  
 **KEY** `bus\_treatdoc\_bus\_record\_record\_id\_fk` (**`record\_id`**),  
 **KEY** `bus\_treatdoc\_sys\_user\_id\_fk\_idx` (**`nurse\_id`**),  
 **CONSTRAINT** `bus\_treatdoc\_bus\_record\_record\_id\_fk` **FOREIGN KEY** (**`record\_id`**) **REFERENCES** `bus\_record` (**`record\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_treatdoc\_bus\_treattodo\_treattodo\_id\_fk` **FOREIGN KEY** (**`treattodo\_id`**) **REFERENCES** `bus\_treattodo` (**`treattodo\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_treatdoc\_sys\_user\_id\_fk` **FOREIGN KEY** (**`nurse\_id`**) **REFERENCES** `sys\_user` (**`user\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'治疗报告'**;

**CREATE TABLE** `bus\_treatment` (  
 **`treatment\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '用于标识治疗项目id'**,  
 **`treatment\_name` varchar**(45) **NOT NULL COMMENT '治疗项目名称'**,  
 **`price` decimal**(10,0) **NOT NULL COMMENT '每次治疗价格'**,  
 **`usage\_count` int**(11) **NOT NULL COMMENT '治疗项目已用次数'**,  
 **PRIMARY KEY** (**`treatment\_id`**),  
 **UNIQUE KEY** `treatment\_id\_UNIQUE` (**`treatment\_id`**),  
 **UNIQUE KEY** `treatment\_name\_UNIQUE` (**`treatment\_name`**)  
) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8 **COMMENT**=**'治疗项目'**;

**CREATE TABLE** `bus\_treatqueue` (  
 **`queue\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '治疗排队id'**,  
 **`queue\_number` int**(11) **DEFAULT NULL COMMENT '治疗排队号'**,  
 **`treattodo\_id` int**(11) **NOT NULL COMMENT '治疗单id'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **PRIMARY KEY** (**`queue\_id`**),  
 **KEY** `bus\_treatqueue\_bus\_treattodo\_treattodo\_id\_fk` (**`treattodo\_id`**),  
 **CONSTRAINT** `bus\_treatqueue\_bus\_treattodo\_treattodo\_id\_fk` **FOREIGN KEY** (**`treattodo\_id`**) **REFERENCES** `bus\_treattodo` (**`treattodo\_id`**)  
) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'排队治疗'**;

**CREATE TABLE** `bus\_treattodo` (  
 **`treattodo\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '治疗单id'**,  
 **`record\_id` int**(11) **NOT NULL COMMENT '创建该治疗的病历报告id'**,  
 **`treatment\_id` int**(11) **NOT NULL COMMENT '治疗项目id'**,  
 **`createtime` datetime NOT NULL COMMENT '创建时间'**,  
 **`available` tinyint**(4) **NOT NULL DEFAULT '1' COMMENT '是否可用'**,  
 **`pay\_ifdone` tinyint**(1) **NOT NULL DEFAULT '0' COMMENT '是否支付'**,  
 **PRIMARY KEY** (**`treattodo\_id`**),  
 **KEY** `bus\_treattodo\_bus\_exam\_exam\_id\_fk` (**`treatment\_id`**),  
 **KEY** `bus\_treattodo\_bus\_record\_record\_id\_fk` (**`record\_id`**),  
 **CONSTRAINT** `bus\_treattodo\_bus\_exam\_exam\_id\_fk` **FOREIGN KEY** (**`treatment\_id`**) **REFERENCES** `bus\_treatment` (**`treatment\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `bus\_treattodo\_bus\_record\_record\_id\_fk` **FOREIGN KEY** (**`record\_id`**) **REFERENCES** `bus\_record` (**`record\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8mb4 **COMMENT**=**'医生给患者开具的待检查项目单'**;

**CREATE TABLE** `sys\_dept` (  
 **`dept\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '部门id'**,  
 **`pid` int**(11) **DEFAULT NULL COMMENT '父部门id'**,  
 **`dept\_name` varchar**(255) **DEFAULT NULL COMMENT '部门名称'**,  
 **`opened` tinyint**(1) **DEFAULT NULL COMMENT '菜单是否展开'**,  
 **`remark` varchar**(255) **DEFAULT NULL COMMENT '部门名称'**,  
 **`address` varchar**(255) **DEFAULT NULL COMMENT '部门地址'**,  
 **`available` tinyint**(1) **DEFAULT NULL COMMENT '状态【0不可用1可用】'**,  
 **`order\_num` int**(11) **DEFAULT NULL COMMENT '排序码【为了调试显示顺序】'**,  
 **`create\_time` datetime DEFAULT NULL COMMENT '创建时间'**,  
 **PRIMARY KEY** (**`dept\_id`**)  
) **ENGINE**=InnoDB **AUTO\_INCREMENT**=26 **DEFAULT CHARSET**=utf8 **COMMENT**=**'医院部门'**;

**CREATE TABLE** `sys\_notice` (  
 **`notice\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '通知id'**,  
 **`title` varchar**(255) **DEFAULT NULL COMMENT '标题'**,  
 **`content` varchar**(255) **DEFAULT NULL COMMENT '内容'**,  
 **`create\_time` datetime DEFAULT NULL COMMENT '创建时间'**,  
 **`oper\_name` varchar**(255) **DEFAULT NULL COMMENT '发布人姓名'**,  
 **PRIMARY KEY** (**`notice\_id`**)  
) **ENGINE**=InnoDB **AUTO\_INCREMENT**=58 **DEFAULT CHARSET**=utf8 **COMMENT**=**'系统通知'**;

**CREATE TABLE** `sys\_permission` (  
 **`permission\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '权限id'**,  
 **`pid` int**(11) **DEFAULT NULL COMMENT '父权限id'**,  
 **`type` varchar**(255) **DEFAULT NULL COMMENT '权限类型[menu/permission]'**,  
 **`title` varchar**(255) **DEFAULT NULL COMMENT '权限标题'**,  
 **`per\_code` varchar**(255) **DEFAULT NULL COMMENT '权限编码[只有type= permission才有 user:view]'**,  
 **`icon` varchar**(255) **DEFAULT NULL COMMENT '菜单图标'**,  
 **`href` varchar**(255) **DEFAULT NULL COMMENT '视图链接'**,  
 **`target` varchar**(255) **DEFAULT NULL COMMENT '目标'**,  
 **`opened` tinyint**(4) **DEFAULT NULL COMMENT '菜单是否展开'**,  
 **`order\_num` int**(11) **DEFAULT NULL COMMENT '菜单顺序'**,  
 **`available` tinyint**(4) **DEFAULT NULL COMMENT '状态【0不可用1可用】'**,  
 **PRIMARY KEY** (**`permission\_id`**)  
) **ENGINE**=InnoDB **AUTO\_INCREMENT**=133 **DEFAULT CHARSET**=utf8 **COMMENT**=**'用户权限管理'**;

**CREATE TABLE** `sys\_role` (  
 **`role\_id` int**(11) **NOT NULL COMMENT '角色id'**,  
 **`role\_code` varchar**(45) **COLLATE** utf8\_bin **NOT NULL COMMENT '角色权限码'**,  
 **`role\_name` varchar**(20) **COLLATE** utf8\_bin **NOT NULL COMMENT '角色权限名'**,  
 **PRIMARY KEY** (**`role\_id`**),  
 **UNIQUE KEY** `role\_id\_UNIQUE` (**`role\_id`**),  
 **UNIQUE KEY** `role\_name\_UNIQUE` (**`role\_code`**)  
) **ENGINE**=InnoDB **DEFAULT CHARSET**=utf8 **COLLATE**=utf8\_bin **COMMENT**=**'用户角色'**;

**CREATE TABLE** `sys\_user` (  
 **`user\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '用户id'**,  
 **`user\_name` varchar**(255) **NOT NULL COMMENT '真实姓名'**,  
 **`login\_name` varchar**(255) **NOT NULL COMMENT '登录名'**,  
 **`user\_password` varchar**(255) **NOT NULL COMMENT '密码'**,  
 **`gender` int**(11) **NOT NULL COMMENT '性别.1为男，0为女'**,  
 **`id\_num` varchar**(255) **NOT NULL COMMENT '身份证号码'**,  
 **`med\_num` varchar**(255) **DEFAULT NULL COMMENT '医保卡号'**,  
 **`addr` varchar**(255) **NOT NULL COMMENT '地址'**,  
 **`dept\_id` int**(11) **DEFAULT NULL COMMENT '医生的部门id'**,  
 **`role\_id` int**(11) **DEFAULT NULL COMMENT '角色。0为管理员，1为门诊医生，2为药剂医生，3为检验医师，4为护士，5为病人'**,  
 **`phone` varchar**(255) **DEFAULT NULL COMMENT '电话号码'**,  
 **`info` varchar**(255) **DEFAULT NULL COMMENT '医生个人信息'**,  
 **`birthday` date NOT NULL COMMENT '生日'**,  
 **`job` varchar**(255) **DEFAULT NULL COMMENT '病人工作'**,  
 **`available` tinyint**(1) **NOT NULL DEFAULT '1' COMMENT '1为可用，0为不可用'**,  
 **`job\_title` varchar**(255) **DEFAULT NULL COMMENT '医生职称'**,  
 **PRIMARY KEY** (**`user\_id`**),  
 **UNIQUE KEY** `sys\_user\_id\_uindex` (**`user\_id`**),  
 **UNIQUE KEY** `sys\_user\_loginname\_uindex` (**`login\_name`**),  
 **UNIQUE KEY** `id\_num\_UNIQUE` (**`id\_num`**),  
 **UNIQUE KEY** `med\_num\_UNIQUE` (**`med\_num`**),  
 **KEY** `sys\_user\_ibfk\_1\_idx` (**`dept\_id`**),  
 **KEY** `sys\_user\_ibfk\_1\_idx1` (**`role\_id`**),  
 **CONSTRAINT** `sys\_user\_ibfk\_1` **FOREIGN KEY** (**`dept\_id`**) **REFERENCES** `sys\_dept` (**`dept\_id`**) **ON DELETE SET NULL ON UPDATE CASCADE**,  
 **CONSTRAINT** `sys\_user\_ibfk\_2` **FOREIGN KEY** (**`role\_id`**) **REFERENCES** `sys\_role` (**`role\_id`**) **ON DELETE SET NULL ON UPDATE CASCADE**) **ENGINE**=InnoDB **AUTO\_INCREMENT**=20 **DEFAULT CHARSET**=utf8 **COMMENT**=**'用户信息'**;

**CREATE TABLE** `sys\_role\_permission` (  
 **`r\_p\_id` int**(11) **NOT NULL AUTO\_INCREMENT COMMENT '角色权限id'**,  
 **`role\_id` int**(11) **NOT NULL COMMENT '角色id'**,  
 **`permission\_id` int**(11) **NOT NULL COMMENT '权限id'**,  
 **PRIMARY KEY** (**`r\_p\_id`**),  
 **UNIQUE KEY** `r\_p\_id\_UNIQUE` (**`r\_p\_id`**),  
 **UNIQUE KEY** `role\_permission\_UNIQUE` (**`role\_id`**,**`permission\_id`**),  
 **KEY** `ibfk\_2\_idx` (**`permission\_id`**),  
 **KEY** `ibfk\_1\_idx` (**`role\_id`**),  
 **CONSTRAINT** `sys\_role\_permission\_ibfk\_1` **FOREIGN KEY** (**`role\_id`**) **REFERENCES** `sys\_role` (**`role\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**,  
 **CONSTRAINT** `sys\_role\_permission\_ibfk\_2` **FOREIGN KEY** (**`permission\_id`**) **REFERENCES** `sys\_permission` (**`permission\_id`**) **ON DELETE CASCADE ON UPDATE CASCADE**) **ENGINE**=InnoDB **AUTO\_INCREMENT**=103 **DEFAULT CHARSET**=utf8 **COMMENT**=**'角色-权限连接'**;