注：1.每个数据库留有extend1,extend2,extend3 varchar(50)以备用

2.实际建表使用workbench，可能与建表语句有小差别

3.服务器地址：139.199.183.133:3306

4.暂有用户名：qiansiwei 密码:12345

/\* User:（username，password，role）\*/

CREATE TABLE IF NOT EXISTS `user`(

`username` VARCHAR(10) NOT NULL,

`password` VARCHAR(10) NOT NULL,

`role` VARCHAR(10) NOT NULL,

PRIMARY KEY ( `username` )

)ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\* Worker:（worker\_id，用户名，昵称，电话号码，邮箱，当前余额，余额提现信息，学历水平，工作领域，年龄层次）\*/

CREATE TABLE IF NOT EXISTS `worker`(

`worker\_id` INT UNSIGNED AUTO\_INCREMENT,

`username` VARCHAR(10) NOT NULL,

`name` VARCHAR(10) NOT NULL,

`tele\_number` INT UNSIGNED,

`e\_mail` VARCHAR(20),

`balance` INT UNSIGNED,

`withdrawn\_method` VARCHAR(20),

`education` VARCHAR(5),

`work\_area` VARCHAR(30),

`age` INT UNSIGNED,

PRIMARY KEY ( `worker\_id` )

FOREIGN KEY ( `username` references user)

)ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\* Requester:（requester\_id，用户名，昵称，电话号码，邮箱，所在领域，机构名称，支付方式）\*/

CREATE TABLE IF NOT EXISTS `requester`(

`requester\_id` INT UNSIGNED AUTO\_INCREMENT,

`username` VARCHAR(10) NOT NULL,

`name` VARCHAR(10) NOT NULL,

`tele\_number` INT UNSIGNED,

`e\_mail` VARCHAR(20),

`area` VARCHAR(30),

`insititution\_name` VARCHAR(30),

`pay\_method` VARCHAR(20),

PRIMARY KEY ( `requester\_id` )

FOREIGN KEY ( `username` references user)

)ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\* Task:（task\_id，任务名称，任务描述，任务酬劳，任务状态，发布者id，项目类型，限制条件，任务要求）\*/

CREATE TABLE IF NOT EXISTS `task`(

`task\_id` INT UNSIGNED AUTO\_INCREMENT,

`name` VARCHAR(10) NOT NULL,

`description` VARCHAR(50) NOT NULL,

`reward` INT UNSIGNED,

`status` VARCHAR(5),

`requester\_id` INT UNSIGNED NOT NULL,

`type` VARCHAR(10),

`restrictions` VARCHAR(30),

`requests` VARCHAR(30),

PRIMARY KEY ( `task\_id` )

FOREIGN KEY ( `requester\_id` references requester)

)ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\* Task\_data:（task\_id，时间节点，worker数量，完成进度）\*/

CREATE TABLE IF NOT EXISTS `task\_data`(

`task\_id` INT UNSIGNED NOT NULL,

`time` DATETIME NOT NULL,

`worker\_num` INT UNSIGNED NOT NULL,

`progress\_rate` FLOAT NOT NULL,

PRIMARY KEY ( `task\_id`,`time` )

FOREIGN KEY ( `task\_id` references task )

)ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\* Personal\_task:（worker\_id，task\_id）\*/

CREATE TABLE IF NOT EXISTS `personal\_task`(

`worker\_id` INT UNSIGNED NOT NULL,

`task\_id` INT UNSIGNED NOT NULL,

PRIMARY KEY ( `worker\_id`,`task\_id` )

FOREIGN KEY ( `worker\_id` references worker )

FOREIGN KEY ( `task\_id` references task )

)ENGINE=InnoDB DEFAULT CHARSET=utf8;