**CREATE TABLE `abe`.`user\_info` (**

**`id` INT NOT NULL,**

**`userName` VARCHAR(45) NOT NULL,**

**`password` VARCHAR(45) NOT NULL,**

**`userType` INT NOT NULL DEFAULT 2,**

**`email` VARCHAR(45) NULL,**

**`phone` VARCHAR(45) NULL,**

**PRIMARY KEY (`id`),**

**UNIQUE INDEX `id\_UNIQUE` (`id` ASC) VISIBLE,**

**UNIQUE INDEX `userName\_UNIQUE` (`userName` ASC) VISIBLE);**

**CREATE TABLE `abe`.`catagory` (**

**`idcatagory` INT NOT NULL,**

**`catagory\_name` VARCHAR(45) NULL,**

**PRIMARY KEY (`idcatagory`));**

**CREATE TABLE `abe`.`attribute` (**

**`idattribute` INT NOT NULL,**

**`idcatagory` INT NOT NULL,**

**`attribute` VARCHAR(45) NULL,**

**PRIMARY KEY (`idattribute`),**

**INDEX `att\_idx` (`idcatagory` ASC) VISIBLE,**

**UNIQUE INDEX `idattribute\_UNIQUE` (`idattribute` ASC) VISIBLE,**

**CONSTRAINT `att`**

**FOREIGN KEY (`idcatagory`)**

**REFERENCES `abe`.`catagory` (`idcatagory`)**

**ON DELETE NO ACTION**

**ON UPDATE NO ACTION);**

**CREATE TABLE `abe`.`user\_att` (**

**`iduser\_att` INT NOT NULL,**

**`id` INT NOT NULL,**

**`idattribute` INT NOT NULL,**

**PRIMARY KEY (`iduser\_att`),**

**UNIQUE INDEX `iduser\_att\_UNIQUE` (`iduser\_att` ASC) VISIBLE,**

**INDEX `attribute\_idx` (`idattribute` ASC) VISIBLE,**

**INDEX `user\_idx` (`id` ASC) VISIBLE,**

**CONSTRAINT `attribute`**

**FOREIGN KEY (`idattribute`)**

**REFERENCES `abe`.`attribute` (`idattribute`)**

**ON DELETE NO ACTION**

**ON UPDATE NO ACTION,**

**CONSTRAINT `user`**

**FOREIGN KEY (`id`)**

**REFERENCES `abe`.`user\_info` (`id`)**

**ON DELETE NO ACTION**

**ON UPDATE NO ACTION);**

**CREATE TABLE `abe`.`files` (**

**`idfile` INT NOT NULL,**

**`title` VARCHAR(45) NOT NULL,**

**`desc` VARCHAR(45) NULL,**

**`id` INT NOT NULL,**

**`file` BLOB NULL,**

**PRIMARY KEY (`idfile`),**

**UNIQUE INDEX `idfile\_UNIQUE` (`idfile` ASC) VISIBLE,**

**INDEX `user\_idx` (`id` ASC) VISIBLE,**

**CONSTRAINT `uploader`**

**FOREIGN KEY (`id`)**

**REFERENCES `abe`.`user\_info` (`id`)**

**ON DELETE NO ACTION**

**ON UPDATE NO ACTION);**