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Project: HW2

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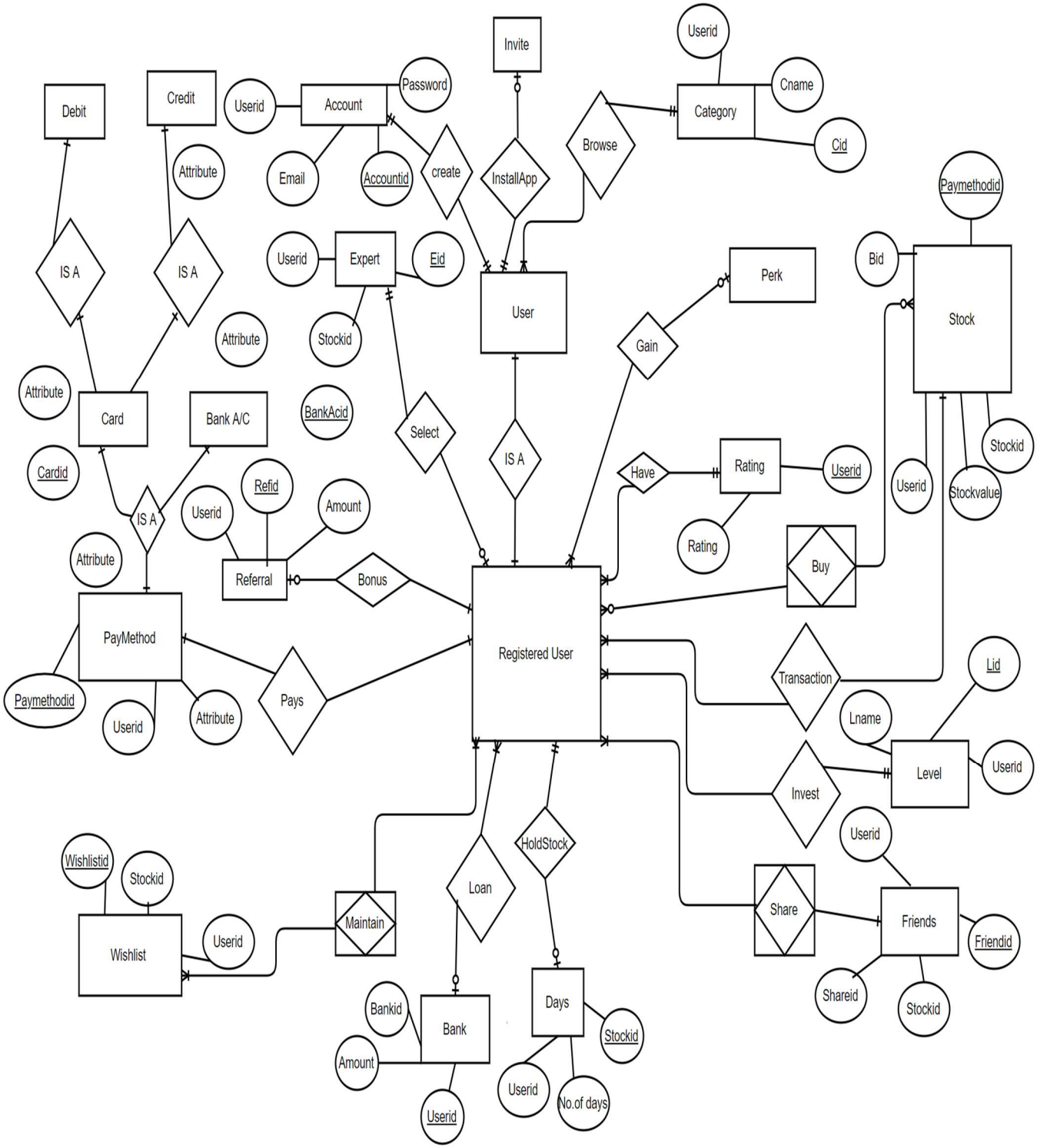
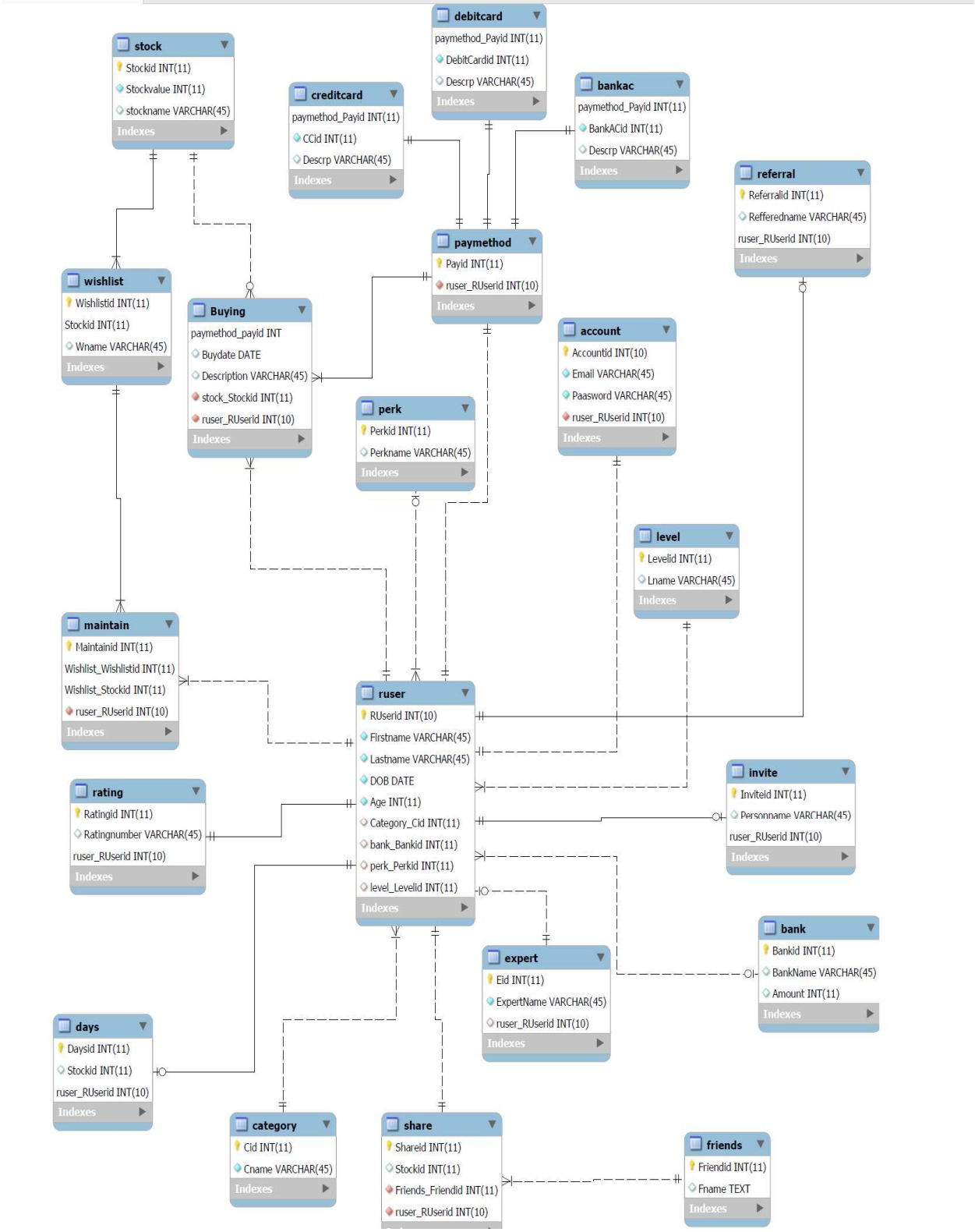
Section I: Final ERD Version



Section II: Database Model



Section III: Forward Engineering

```
-- MySQL Workbench Forward Engineering


SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;

SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0;

SET @OLD_SQL_MODE=@@SQL_MODE,
SQL_MODE='ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_D
ATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITU
TION';


-- -----------------------------------------------------

-- Schema new1

-- -----------------------------------------------------


-- -----------------------------------------------------

-- Schema new1

-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS `new1` DEFAULT CHARACTER SET utf8 ;

USE `new1` ;


-- -----------------------------------------------------

-- Table `new1`.`category`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `new1`.`category` (

  `Cid` INT(11) NOT NULL,

  `Cname` VARCHAR(45) NOT NULL,

  PRIMARY KEY (`Cid`))

ENGINE = InnoDB

AUTO_INCREMENT = 4
```

```
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`bank`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`bank` (
  `Bankid` INT(11) NOT NULL,
  `BankName` VARCHAR(45) NULL DEFAULT NULL,
  `Amount` INT(11) NULL DEFAULT NULL,
  PRIMARY KEY (`Bankid`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`perk`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`perk` (
  `Perkid` INT(11) NOT NULL,
  `Perkname` VARCHAR(45) NULL DEFAULT NULL,
  PRIMARY KEY (`Perkid`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`level`
```

```
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`level` (
  `Levelid` INT(11) NOT NULL,
  `Lname` VARCHAR(45) NULL DEFAULT NULL,
  PRIMARY KEY (`Levelid`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
-- Table `new1`.`ruser`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`ruser` (
  `RUserid` INT(10) UNSIGNED NOT NULL,
  `Firstname` VARCHAR(45) NOT NULL,
  `Lastname` VARCHAR(45) NOT NULL,
  `DOB` DATE NOT NULL,
  `Age` INT(11) NOT NULL,
  `Category_Cid` INT(11) NULL,
  `bank_Bankid` INT(11) NULL,
  `perk_Perkid` INT(11) NULL,
  `level_Levelid` INT(11) NULL,
  PRIMARY KEY (`RUserid`),
  INDEX `fk_User_Category1_idx` (`Category_Cid` ASC) INVISIBLE,
  INDEX `fk_ruser_bank1_idx` (`bank_Bankid` ASC) VISIBLE,
  INDEX `fk_ruser_perk1_idx` (`perk_Perkid` ASC) VISIBLE,
  INDEX `fk_ruser_level1_idx` (`level_Levelid` ASC) VISIBLE,
  CONSTRAINT `fk_User_Category1`
```

```
    FOREIGN KEY (`Category_Cid`)
    REFERENCES `new1`.`category` (`Cid`)
    ON DELETE SET NULL
    ON UPDATE SET NULL,
  CONSTRAINT `fk_ruser_bank1`
    FOREIGN KEY (`bank_Bankid`)
    REFERENCES `new1`.`bank` (`Bankid`)
    ON DELETE SET NULL
    ON UPDATE SET NULL,
  CONSTRAINT `fk_ruser_perk1`
    FOREIGN KEY (`perk_Perkid`)
    REFERENCES `new1`.`perk` (`Perkid`)
    ON DELETE SET NULL
    ON UPDATE SET NULL,
  CONSTRAINT `fk_ruser_level1`
    FOREIGN KEY (`level_Levelid`)
    REFERENCES `new1`.`level` (`Levelid`)
    ON DELETE SET NULL
    ON UPDATE SET NULL)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
-- Table `new1`.`account`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`account` (
  `Accountid` INT(10) UNSIGNED NOT NULL AUTO_INCREMENT,
```

```
  `Email` VARCHAR(45) NOT NULL,
  `Paasword` VARCHAR(45) NOT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Accountid`),
  INDEX `fk_account_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  CONSTRAINT `fk_account_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
-- Table `new1`.`paymethod`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`paymethod` (
  `Payid` INT(11) NOT NULL AUTO_INCREMENT,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Payid`),
  INDEX `fk_paymethod_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  CONSTRAINT `fk_paymethod_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
```

```
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`bankac`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`bankac` (
  `paymethod_Payid` INT(11) NOT NULL,
  `BankACid` INT(11) NOT NULL,
  `Descrp` VARCHAR(45) NULL,
  PRIMARY KEY (`paymethod_Payid`),
  INDEX `fk_bankac_paymethod1_idx` (`paymethod_Payid` ASC) VISIBLE,
  CONSTRAINT `fk_bankac_paymethod1`
    FOREIGN KEY (`paymethod_Payid`)
    REFERENCES `new1`.`paymethod` (`Payid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`creditcard`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`creditcard` (
  `paymethod_Payid` INT(11) NOT NULL,
  `CCid` INT(11) NOT NULL,
  `Descrp` VARCHAR(45) NULL,
```

```
  PRIMARY KEY (`paymethod_Payid`),
  INDEX `fk_creditcard_paymethod1_idx` (`paymethod_Payid` ASC) VISIBLE,
  CONSTRAINT `fk_creditcard_paymethod1`
    FOREIGN KEY (`paymethod_Payid`)
    REFERENCES `new1`.`paymethod` (`Payid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
-- Table `new1`.`days`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`days` (
  `Daysid` INT(11) NOT NULL,
  `Stockid` INT(11) NULL DEFAULT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Daysid`, `ruser_RUserid`),
  INDEX `fk_days_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  CONSTRAINT `fk_days_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;
```

```
-- -----------------------------------------------------
-- Table `new1`.`debitcard`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`debitcard` (
  `paymethod_Payid` INT(11) NOT NULL,
  `DebitCardid` INT(11) NOT NULL,
  `Descrp` VARCHAR(45) NULL,
  PRIMARY KEY (`paymethod_Payid`),
  INDEX `fk_debitcard_paymethod1_idx` (`paymethod_Payid` ASC) VISIBLE,
  CONSTRAINT `fk_debitcard_paymethod1`
    FOREIGN KEY (`paymethod_Payid`)
    REFERENCES `new1`.`paymethod` (`Payid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
-- Table `new1`.`expert`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`expert` (
  `Eid` INT(11) NOT NULL AUTO_INCREMENT,
  `ExpertName` VARCHAR(45) NOT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NULL,
  PRIMARY KEY (`Eid`),
  INDEX `fk_expert_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
```

```
  CONSTRAINT `fk_expert_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`friends`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`friends` (
  `Friendid` INT(11) NOT NULL AUTO_INCREMENT,
  `Fname` TEXT NULL DEFAULT NULL,
  PRIMARY KEY (`Friendid`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`invite`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`invite` (
  `Inviteid` INT(11) NOT NULL AUTO_INCREMENT,
  `Personname` VARCHAR(45) NULL DEFAULT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Inviteid`, `ruser_RUserid`),
```

```
  INDEX `fk_invite_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  CONSTRAINT `fk_invite_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`stock`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`stock` (
  `Stockid` INT(11) NOT NULL,
  `Stockvalue` INT(11) NOT NULL,
  `stockname` VARCHAR(45) NULL,
  PRIMARY KEY (`Stockid`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`wishlist`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`wishlist` (
  `Wishlistid` INT(11) NOT NULL,
  `Stockid` INT(11) NOT NULL,
```

```
  `Wname` VARCHAR(45) NULL DEFAULT NULL,
  PRIMARY KEY (`Wishlistid`, `Stockid`),
  INDEX `fk_wishlist_stockid_idx` (`Stockid` ASC) VISIBLE,
  CONSTRAINT `fk_wishlist_stockid`
    FOREIGN KEY (`Stockid`)
    REFERENCES `new1`.`stock` (`Stockid`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`maintain`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`maintain` (
  `Maintainid` INT(11) NOT NULL AUTO_INCREMENT,
  `Wishlist_Wishlistid` INT(11) NOT NULL,
  `Wishlist_Stockid` INT(11) NOT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Maintainid`, `Wishlist_Wishlistid`, `Wishlist_Stockid`),
  INDEX `fk_Maintain_Wishlist1_idx` (`Wishlist_Wishlistid` ASC, `Wishlist_Stockid`
ASC) VISIBLE,
  INDEX `fk_maintain_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  CONSTRAINT `fk_Maintain_Wishlist1`
    FOREIGN KEY (`Wishlist_Wishlistid` , `Wishlist_Stockid`)
    REFERENCES `new1`.`wishlist` (`Wishlistid` , `Stockid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE,
```

```
  CONSTRAINT `fk_maintain_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
-- Table `new1`.`rating`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`rating` (
  `Ratingid` INT(11) NOT NULL,
  `Ratingnumber` VARCHAR(45) NULL DEFAULT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Ratingid`, `ruser_RUserid`),
  INDEX `fk_rating_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  CONSTRAINT `fk_rating_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
```

```
-- Table `new1`.`referral`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`referral` (
  `Referralid` INT(11) NOT NULL,
  `Refferedname` VARCHAR(45) NULL DEFAULT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Referralid`, `ruser_RUserid`),
  INDEX `fk_referral_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  CONSTRAINT `fk_referral_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;


-- -----------------------------------------------------
-- Table `new1`.`share`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`share` (
  `Shareid` INT(11) NOT NULL,
  `Stockid` INT(11) NULL,
  `Friends_Friendid` INT(11) NOT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  PRIMARY KEY (`Shareid`),
  INDEX `fk_Share_Friends1_idx` (`Friends_Friendid` ASC) VISIBLE,
  INDEX `fk_share_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
```

```
  CONSTRAINT `fk_Share_Friends1`
    FOREIGN KEY (`Friends_Friendid`)
    REFERENCES `new1`.`friends` (`Friendid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE,
  CONSTRAINT `fk_share_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;



-- -----------------------------------------------------
-- Table `new1`.`Buying`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `new1`.`Buying` (
  `paymethod_payid` INT NOT NULL,
  `Buydate` DATE NULL,
  `Description` VARCHAR(45) NULL,
  `stock_Stockid` INT(11) NOT NULL,
  `ruser_RUserid` INT(10) UNSIGNED NOT NULL,
  INDEX `fk_Buying_stock1_idx` (`stock_Stockid` ASC) VISIBLE,
  INDEX `fk_Buying_ruser1_idx` (`ruser_RUserid` ASC) VISIBLE,
  PRIMARY KEY (`paymethod_payid`),
  INDEX `fk_Buying_paymethod1_idx` (`paymethod_payid` ASC) INVISIBLE,
  CONSTRAINT `fk_Buying_stock1`
```

```
    FOREIGN KEY (`stock_Stockid`)
    REFERENCES `new1`.`stock` (`Stockid`)
    ON DELETE NO ACTION
    ON UPDATE CASCADE,
  CONSTRAINT `fk_Buying_ruser1`
    FOREIGN KEY (`ruser_RUserid`)
    REFERENCES `new1`.`ruser` (`RUserid`)
    ON DELETE CASCADE
    ON UPDATE CASCADE,
  CONSTRAINT `fk_Buying_paymethod1`
    FOREIGN KEY (`paymethod_payid`)
    REFERENCES `new1`.`paymethod` (`Payid`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;


SET SQL_MODE=@OLD_SQL_MODE;
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```

```
## Section IV: Inserting Data
use databasemodel;
INSERT INTO category VALUES( 1,'Tech');
INSERT INTO category VALUES( 2,'Real State');
INSERT INTO category VALUES( 3,'Electronics');

Insert into bank values (1, 'Bank of America', 5000);
Insert into bank values (2, 'Wells Fargo', 6000);
Insert into bank values (3, 'CitiBank', 7000);

Insert into perk values ( 1, 'Free Meals');
Insert into perk values ( 2, 'Movie tickets');
Insert into perk values (3, 'Disneyland ticket');

Insert into level values ( 1, 'Begineer');
Insert into level values ( 2, 'Competent');
Insert into level values (3, 'Pro');

INSERT INTO ruser VALUES (1,'dibs', 'bharati', '1996-05-27', 24, 1, 1, 1, 1);
INSERT INTO ruser VALUES (2, 'arjun', 'Bista', '1996-06-28', 25, 1, 1, 1, 1);
INSERT INTO ruser Values ( 3, 'pramish', 'Dhakal', '1996-07-29', 26, 1, 1, 1, 1);

INSERT INTO account VALUES(1,'dibsbharati@gmail.com','dibs1234',1);
INSERT INTO account VALUES (2, 'arjun@gmail.com', 'arjun1234', 2);
INSERT INTO account VALUES(3, 'pramish@gmail.com','pramish1234', 3);

Insert into paymethod values (1, 1);
Insert into paymethod values (2, 1);
```

```
Insert into paymethod values (3, 1);
Insert into paymethod values (4, 2);
Insert into paymethod values (5, 2);
Insert into paymethod values (6, 2);
Insert into paymethod values (7, 3);
Insert into paymethod values (8, 3);
Insert into paymethod values (9, 3);

Insert into bankac values ( 1, 1, 'Bankac');
Insert into bankac values ( 2, 2, 'Bankac');
Insert into bankac values (3, 3, 'Bankac');

 Insert into stock value ( 1, 100, 'Microsoft');
 Insert into stock value (2, 200, 'Tesla');
Insert into stock value (3, 300, 'Tesla');

Insert into buying values(1, '2020-03-25', 'bought', 1, 1);
Insert into buying values(2,'2020-03-24', 'Sold', 2,1);
Insert into buying values(3, '2020-03-23', 'Sold', 2,2);

Insert into creditcard values (4, 1, 'CC');
Insert into creditcard values (5, 2, 'CC');
Insert into creditcard values (6, 3, 'CC');

Insert into days values(1, 1, 1);
Insert into days values (2, 2 , 1);
Insert into days values (3, 2, 2);
```

```
Insert into debitcard values( 7, 1, 'DC');
Insert into debitcard values (8, 2, 'DC');
Insert into debitcard values (9, 3, 'DC');

Insert into expert values(1, 'John', 1);
Insert into expert values(2, 'Sam', 2);
Insert into expert values(3, 'Harry', 2);

Insert into friends values(1, 'Ryan');
Insert into friends values(2, 'Jose');
Insert into friends values (3, 'Matt');

Insert into invite value(1, 'david', 1);
Insert into invite value (2, 'Leo', 2);
Insert into invite value (3, 'cristiano', 2);

Insert into wishlist values(1, 1, 'Mywish');
Insert into wishlist values (1, 2, 'Mywish');
Insert into wishlist values (2, 1, 'Bestwish');

Insert into maintain values( 1, 1, 1, 1);
Insert into maintain values( 1, 1, 2, 2);
Insert into maintain values( 1, 2, 1, 3);

Insert into rating values(1, 'One', 1);
Insert into rating values(2, 'Two', 2);
Insert into rating values(3, 'Three', 3);
```

```
Insert into referral values( 1, 'Mike', 1);
Insert into referral values(2, 'Peter', 1);
Insert into referral values(3, 'Ben', 1);

Insert into share values(1, 1, 1, 1);
Insert into share values(2, 1, 2, 1);
Insert into share values(3, 1, 3, 1);
```

Section V: Testing

```
use databasemodel;
delete from account where Accountid=2;
update account set ruser_RUserid=0 where Accountid=2;
select * from account;

delete from bank where Bankid=2;
update bank set BankName= 'Chase' where Bankid=3;
select * from bank;

delete from buying where paymethod_payid= 1;
update buying set Buydate= '2020-05-26' where paymethod_payid=3;
select * from buying;

delete from category where Cid=1;
update category set Cname='sports' where Cid=2;
select * from category;

delete from days where Daysid=1;
Update days set stockid=4 where Daysid=2;
select * from days;

delete from expert where Eid=1;
update expert set ExpertName='Mike' where Eid=3;
select * from expert;

delete from friends where Friendid=2;
update friends set Fname='Dave' where Friendid=1;
```

```
select * from friends;

delete from invite where Inviteid=3;
update invite set Personname = 'Neymar' where Inviteid=2;
select * from invite;

delete from level where Levelid=2;
update level set Lname='Extreme' where Levelid=3;
select * from level;

delete from maintain where Maintainid=2;
update maintain set ruser_RUserid=2 where Maintainid=1;
select * from maintain;

delete from paymethod where Payid=4;
update paymethod set ruser_RUserid=3 where Payid=1;
select * from paymethod;

delete from perk where Perkid=1;
update perk set Perkname= 'skydive tickets' where Perkid=2;
select * from perk;

delete from rating where Ratingid=1;
update rating set Ratingnumber='Five' where Ratingid=2;
select * from rating;

delete from referral where Referralid=1;
update referral set Refferedname ='Joshua' where Referralid=2;
```

```
select * from referral;

delete from ruser where Ruserid=3 ;
update ruser set Lastname='Dangi' where RUserid=2;
select * from ruser;

delete from share where Shareid=2;
update share set Stockid=2 where Shareid=1;
select * from share;
```

Section VI: Testing Table

Test	Statement	Entity	Pass/Fail	Error Description
1	Delete	account	Pass	None
	Update	account	Pass	None
	Select	account	Pass	None
2	Delete	bank	Pass	None
	Update	bank	Pass	None
	Select	bank	Pass	None
3	Delete	buying	Fail	Cannot delete a parent row; foreign key constraint fails.
	Update	buying	Pass	None
	Select	buying	Pass	None
4	Delete	category	Fail	Cannot delete a parent row; foreign key constraint fails.
	Update	category	Pass	None
	Select	category	Pass	None
5	Delete	days	Pass	None
	Update	days	Pass	None
	Select	days	Pass	None
6	Delete	expert	Pass	None
	Update	expert	Pass	None
	Select	expert	Pass	None
7	Delete	invite	Fail	You tried to update a table without a where that uses a key column
	Update	invite	Fail	Unknown column “Inviteid” in where clause
	Select	invite	Pass	None

8	Delete	level	Pass	None
	Update	level	Pass	None
	Select	level	Pass	None
9	Delete	maintain	Pass	None
	Update	maintain	Pass	None
	Select	maintain	Pass	None
10	Delete	paymethod	Fails	Cannot delete a parent row; foreign key constraint fails.
	Update	paymethod	Fails	Cannot delete a parent row; foreign key constraint fails.
	Select	paymethod	Pass	None
11	Delete	perk	Pass	None
	Update	perk	Pass	None
	Select	perk	Pass	None
12	Delete	rating	Pass	None
	Update	rating	Pass	None
	Select	rating	Pass	None
13	Delete	referral	Pass	None
	Update	referral	Pass	None
	Select	rating	Pass	None
14	Delete	ruser	Fail	Cannot delete a parent row; foreign key constraint fails.
	Update	ruser	Pass	None
	Select	ruser	Pass	None
15	Delete	share	Pass	None
	Update	share	Pass	None