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package model;

import data.Database;
import view.UserInterface;

/**
 * This class describes a payment method and thus extends the Payment Class.
 * Added variables is (String) mobile phone
 */
public class MobilePay extends Payment {
    String mobilePhone;

    /**
     * Database Constructor
     *
     * @param newId Id of the payment
     * @param newBookingRef Reference to a (unique) booking of the payment
     * @param newAmount Amount of the payment
     * @param newMobilePhone Mobile phone number of the payment / MP account
     */
    public MobilePay(int newId, String newBookingRef, int newAmount, String
        newMobilePhone) {
        super(newId, newBookingRef, newAmount, "mobile pay");

        mobilePhone = newMobilePhone;
        super.setMethod("mobile pay");
    }

    /**
     * In-App Constructor
     *
     * @param newBookingRef Reference to a (unique) booking of the payment
     * @param newAmount Amount of the payment
     */
    public MobilePay(String newBookingRef, int newAmount) {
        super(newBookingRef, newAmount);

        mobilePhone = UserInterface.inputMobilePayNumber();
        super.setMethod("mobile pay");
    }

    /**
     * Write a line to the database
     */
    public void toDB() {
        Database.write("payments", super.getId()+";"+super.getBookingRef()
            +";"+super.getAmount()+";"+super.getMethod()+";"+this.
            mobilePhone+";; ");
    }

    // Get mobile phone
    public String getMobilePhone() {
        return this.mobilePhone;
    }

    // Start print methods
    public static String printTableHeader() {
        return String.format("\t | %-18s | %-8s | %-15s | %-12s |\n",
            "Booking Reference", "Amount", "Payment Method",
            "MobilePhone");
    }

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}

public static String printLine(MobilePay mobilepay) {
    return String.format("\t | %-18s | %-8s | %-15s | %-12s |\n",
        mobilepay.getBookingRef(), mobilepay.getAmount()/100.0,
        "Mobile Pay", mobilepay.getMobilePhone());
}

public String printLine() {
    return String.format("\t | %-18s | %-8s | %-15s | %-12s | %-12s |
        \n",
        super.getBookingRef(), super.getAmount()/100.0, "Mobile Pay"
        , "--", this.getMobilePhone());
}

public String toString() {
    String out = ("\n\n\tCREDIT CARD:\n");
    out += printTableHeader();
    out += printLine(this);
    return out;
}
// End print methods
}
```