**Personal Income Statement**

Create an application that keeps tracks of person’s income and expenses.

User story 1: I went to a restaurant. I would like to keep track of:

* vendor name (person/ organization I will be paying)
* description of good/service
* date
* cost
* payment method.

User story 2: I cash a paycheck from my job. I would like to keep track of:

* source of income (for example, company name)
* description
* date
* amount
* method of receiving income (such as check, cash).

**Proposed database table design**

Table Transactions

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Allows Null** | **Primary Key** |
| ID | INT | No | Yes |
| TransactionType | VARCHAR(10) | No | No |
| PayeeOrSource | VARCHAR(100) | No | No |
| Description | VARCHAR(1000) | Yes | No |
| Date | DateTime | No | No |
| Amount | DECIMAL(8,2) | No | No |
| PaymentID | INT | No | No |

Table PaymentTypes

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Allows Null** | **Primary Key** |
| PaymentID | INT | No | Yes |
| Method | VARCHAR(20) | No | No |