Tables

Students

* Student ID (6 digits) – Primary Key (auto-increment)
* Parent ID – Foreign Key
* Student First Name
* Student Last Name
* Grade
* MealStatus ID

MealStatus

* MealStatus ID – Primary Key (auto-increment)
* Meal Status (free, reduced, full price)
* Amount (0, 0.4, 3)

PrimaryParent

* Parent ID (6 digits) – Primary Key (auto-increment)
* Parent First Name
* Parent Last Name
* Address
* City
* State
* Zip Code
* Phone Number
* Email

Transactions

* Transaction ID (7 digits) – Primary Key (auto-increment)
* Student ID – Foreign Key
* Meal ID – Foreign Key
* Date/Time

Payments

* Payment ID (6 digits) – Primary Key (auto-increment)
* Parent ID – Foreign Key
* Student ID – Foreign Key
* Amount
* Date
* Payment Method (Cash, Check or Credit Card)
* Processor
* Notes

Meals

* Meal ID – Primary Key (auto-increment)
* Meal Description

Reports

1. Student List: Query from Student table
2. Student and Meal Status: Query from Student table
3. Daily Transactions: Query from Transaction table; COUNT & SUM(amount) by Date
4. Total Free Meals: COUNT rows, multiply by $3
5. Total Reduced Meals; COUNT rows, multiply by $2.60
6. Payment by Students: Query from Payments table; GROUP BY (Student ID)
7. Student Balances: JOIN Transactions & Payments; subtract payments from transaction

GitHUB.com Hyperlink: https://github.com/ZamoraD/SchoolLunchMadeEasy.git