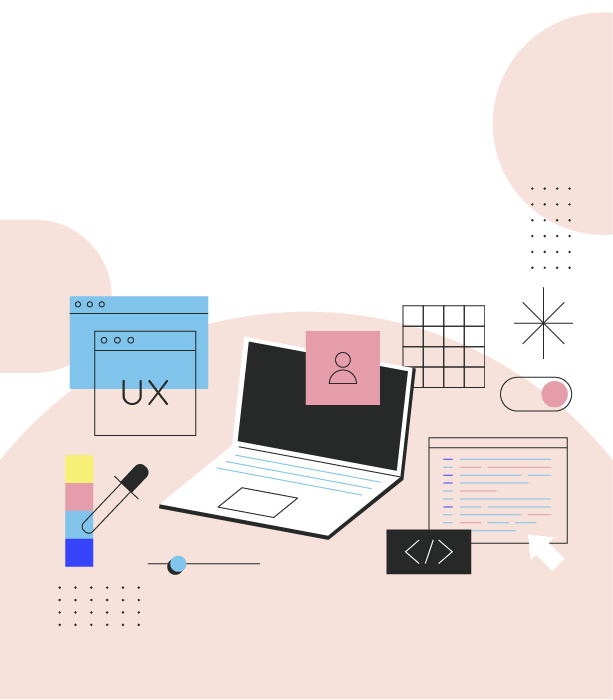
PROJECT 1

ERD and  
Report Design

HAB Taxi Services

ERD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DEFAULTS** | |  | **EMPLOYEE** | |  | **REVENUE** | |
| NextTransNum | 143 |  | EmpID | Primary Key |  | RevID | Primary Key |
| NextDrivNum | 1922 |  | EmpDriNum | Integer |  | TransID | Integer |
| MonStandFeeOwn | 175.00 |  | EmpName | String |  | TansDate | Date |
| DailyRentalFee | 60.00 |  | EmpAdd | String |  | BriefDesc | String |
| WeeklyRentalFee | 300.00 |  | EmpCity | String |  | EmpDriNum | Foreign Key |
| HSTRate | 0.15 |  | EmpProv | String |  | TransAmount | Float |
|  |  |  | EmpPostCode | String |  | HSTAmount | Float |
|  |  |  | EmpPhonNum | Integer |  | TotalAmount | Float |
|  |  |  | EmpDriLiscNum | Integer |  | RentalID | Foreign Key |
|  |  |  | EmpLiscExpDate | Date |  |  |  |
|  |  |  | InsPolCompany | String |  |  |  |
|  |  |  | InsPolNum | Integer |  |  |  |
|  |  |  | InsPolExpDate | Date |  |  |  |
|  |  |  | EmpOwnCar | Boolean |  |  |  |
|  |  |  | EmpBalDue | Float |  |  |  |
|  |  |  |  |  |  |  |  |
| **EXPENSES** | |  | **RENTALS** | |  | **PAYMENT** | |
| ExpID | Primary Key |  | RentalID | Primary Key |  | PaymentID | Primary Key |
| InvNum | Integer |  | EmpDriNum | Foreign Key |  | EmpDriNum | Foreign Key |
| InvDate | Date |  | RentStartDate | Date |  | PayDate | Date |
| EmpDriNum | Foreign Key |  | RentCarNum | Integer |  | PayAmount | Float |
| ItemNum | Integer |  | RentTime | Boolean |  | PayReason | String |
| ItemDesc | String |  | RentDays | Integer |  | PayMethod | String |
| ItemCost | Float |  | RentCost | Float |  |  |  |
| ItemQty | Integer |  | RentHST | Float |  |  |  |
| ItemTotal | Float |  | RentTotal | Float |  |  |  |
|  |  |  | EmpBalDue | Foreign Key |  |  |  |

The ERD for HAB Taxi Services encompasses several interconnected tables to manage the business operations efficiently. The central entity is the Employees table, which stores driver. Another crucial table is Revenues, tracking transaction details. Expenses are recorded in a separate table, linking to the driver responsible. Rentals are logged in a dedicated table updating employee balances and revenue records upon each transaction. Finally, Payments are tracked with details including payment method, amount, and reason, linked to the respective driver.

This comprehensive ERD enables efficient management of the taxi service's financial transactions, expenses, and employee data, facilitating smooth operations and financial transparenc

REPORTS

Receipt 1

1 2 3 4 5 6 7 8  
123456789012345678901234567890123456789012345678901234567890123456789012345678901

HAB TAXI SERVICES  
 RENTAL CAR RECEIPT

====================================================

Name : XXXXXXXXXXXXXXXXXX DRIVER # 99999  
Address: XXXXXXXXXXXXXXXXXX LISCENCE # 99999  
 XXXXXX, XX, X9X9X9 CAR : XXXX  
Phone : (999) 999 9999

INSURANCE POLICY  
----------------------------------------------------

COMPANY: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
POLICY # XXX-999 EXPIRY DATE: MM/DD/YYYY

PAYMENTS  
----------------------------------------------------

PAY DESCRIPTION: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

LAST PAY DATE : MM/DD/YYYY  
LAST PAY AMOUNT : $9,999

BALANCE DUE : $9,999

====================================================

THANK YOU FOR USING HAB TAXI SERVICES

Profit Listing

1 2 3 4 5 6 7 8  
123456789012345678901234567890123456789012345678901234567890123456789012345678901

HAB TAXI SERVICES

PROFIT LISTING

================================================================================

FOR HAB Taxi Services ON \_\_\_\_\_\_\_\_\_\_ (YYYY-MM-DD)

DECLARING PROFIT/LOSS FROM \_\_\_\_\_\_\_\_\_\_ (YYYY-MM-DD) TO \_\_\_\_\_\_\_\_\_\_ (YYYY-MM-DD)

================================================================================

**REVENUE**

Company Income:

Rentals: $X,XXX,XXX.XX

Stand Fees: $X,XXX,XXX.XX

Other Income: $X,XXX,XXX.XX

TOTAL INCOME FOR PERIOD YYYY-MM-DD – YYYY-MM-DD: $X,XXX,XXX.XX

================================================================================

**EXPENSES**

Company Expenses:

Supplies: $X,XXX,XXX.XX

Repairs: $X,XXX,XXX.XX

Fuel: $X,XXX,XXX.XX

Insurance/Registration: $X,XXX,XXX.XX

Other Expenses: $X,XXX,XXX.XX

TOTAL EXPENSES FOR PERIOD YYYY-MM-DD – YYYY-MM-DD: $X,XXX,XXX.XX

================================================================================

**TOTAL PROFIT/LOSS**

**FOR HAB TAXI SERVICES FROM YYYY-MM-DD – YYYY-MM-DD**

Profit/Loss = Total Revenue – Total Expenses

Profit/Loss = $X,XXX,XXX.XX

**Authorized By:** XXXXXX XXXXXXX **Date:** YYYY-MM-DD

Driver Financial Listing

1 2 3 4 5 6 7 8  
123456789012345678901234567890123456789012345678901234567890123456789012345678901

**HAB TAXI SERVICES**

**DRIVER FINANCIAL LISTING**

**================================================================================**

Driver Financial Report for HAB Taxi Services

From \_\_\_\_\_\_\_\_\_\_ (YYYY-MM-DD) to \_\_\_\_\_\_\_\_\_\_ (YYYY-MM-DD)

**======================================================**

**DRIVER INFORMATION**

**==================**

Driver ID: XX Name: XXXXXX XXXXXXXX

License Number: XXX XXX Expiry: YYYY-MM-DD

Insurance CO: XXXXXXX Policy Number: XXXXXXXX

**==================**

**REVENUE**

**==================**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **ENTRY 1** | **ENTRY 2** | **ENTRY 3** |
| **Transaction ID** | XXX | XXX | XXX |
| **Transaction Date** | YYYY-MM-DD | YYYY-MM-DD | YYYY-MM-DD |
| **Amount** | $X,XXX,XXX.XX | $X,XXX,XXX.XX | $X,XXX,XXX.XX |
| **HST** | $X,XXX.XX | $X,XXX.XX | $X,XXX.XX |
| **Total** | $X,XXX,XXX.XX | $X,XXX,XXX.XX | $X,XXX,XXX.XX |
| **Brief Description** | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX. | XXXXXXXXXXXXXXX. | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX. |

**==================**

**TOTAL REVENUE**

**==================**

Total Amount: $X,XXX,XXX.XX

Total HST: $XXX,XXX.XX

Total Revenue: $X,XXX,XXX.XX