UNORMALIZED Repeate/Multi-Valued 1NF **Customer Record** Customer_Record Name CustomerID Address 1 Name Address 2 Address 1 Address 2 Mowing Landscaping Phone1 Other Mowing City Landscaping State Other ZIP City Phone 1 State Phone 2 7IP Referred By Phone 2 **Customer Since** Referred By Notes **Customer Since Customer Invoice** Notes Date Customer Invoice Invoice ID Name Address CustomerID City Date St. Zip **Total Amount Now Due** St. **Total Amount Now Due Amount Remitted Amount Remitted Total Customer Charges** Date of Purchase **Total Customer Credits** Services Rendered **Prior Balance** Materials Delivered **Total New Charges** Charges **Taxes** Credits **Total Credits Total Customer Charges Total Amount Due Total Customer Credits** Services&Materials_Details Prior Balance Invoice_ID

Total New Charges

Total Amount Due

Taxes

Total Credits

Service ID

Charges Credits

Date of Purchase

Services Rendered

Materials Delivered

2NF

Customer_ Record

CustomerID

Name

Address 1 Address 2 Phone1

Mowing Landscaping

Other City State ZIP

Phone 2

Referred By Customer Since

Notes

Customer_Invoice

Invoice_ID CustomerID

Date

St.

Total Amount Now Due Amount Remitted

Total Customer Charges
Total Customer Credits

Prior Balance Total New Charges

Taxes

Total Credits
Total Amount Due

Services&Materials_Details

Invoice_ID Service_ID Charges Credits

Date of Purchase

Services&Materials

Service ID

Services Rendered Materials Delivered 3NF

Customer_ Info

CustomerID

Name

CustomerZIP CustomerCity CustomerState

Address 1 Address 2 Phone1 Phone2 Referred_By Mowing Landscaping

Other

Customer_Notes

Customer_Invoice Invoice ID

CustomerID
Invoice_Date

Total_Amount_Now_Due

Amount_Remitted

Total_Customer_Charges Total_Customer_Credits

Prior_Balance
Total_New_Charges

Taxes

Total_Credits
Total Amount Due

Services&Materials Details

Invoice_ID ServiceID

Date of Purchase

Charges Credits

Services&Materials

ServiceID

Services_Rendered Materials_Delivered