UNORMALIZED Repeate/Multi-Valued 1NF **Customer Record** Customer_Record Name Order ID Address 1 Name Address 2 Address 1 Mowing Address 2 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 Order_ID 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 3NF

Customer_ Record Customer_ Info

Order_ID CustomerID
Name Name

Address 1 CustomerZIP
Address 2 CustomerCity
Phone1 CustomerState
Mowing Address 1

Landscaping Address 2
Other Phone1
City Phone2
State Referred By

ZIP Customer_Record

Phone 2 Order_ID

Referred By Mowing

Customer Since Landscaping

Notes Other

Customer_Invoice Customer_Notes

Invoice ID Customer Invoice

 Order_ID
 Invoice_ID

 Date
 Order_ID

 St.
 Invoice_Date

Total Amount Now Due Total_Amount_Now_Due
Amount Remitted Amount_Remitted

Total Customer Charges
Total Customer Credits
Total_Customer_Credits

Prior Balance Prior_Balance
Total New Charges Total_New_Charges

Taxes Taxes

Total Credits
Total Amount Due
Total Amount Due
Total Amount Due

Invoice_ID Invoice_ID ServiceID

Charges Date of Purchase Credits Charges

Date of Purchase Credits

Services&Materials Services&Materials

Service_ID ServiceID

Services Rendered Services_Rendered Materials Delivered Materials_Delivered