



PiricLawnCare  
1.1 DFD Narrative  
New System

Process 1.1 - Format Customer Details

The new system provides a convenient and efficient method for PiricLawnCare to manage their customer's information. The customers will provide the needed information to PiricLawnCare, including full name, address, and contact information. Piric will enter the customer's information into the system.

Customer information is formatted by the system into various attributes to create the needed Customer object in process 1.3.

Process 1.2 - Validate Customer Details

Formatted Customer information is provided. One attribute that is verified prior to creating the Customer object is their associated Address. The Address is sent to the Google Maps API to be verified.

The API will return a valid or invalid response to the address. If the address isn't valid, the system will prompt Piric to obtain a corrected address. If the address is valid, the API will return an OK response, which will provide the verified address for process 1.3.

Process 1.3 - Create Customer

The validated Customer information is gathered to create the Customer object. The Customer object is saved to the Customers database record.