



Merfantz Technologies Pvt. Ltd

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Google Maps Integration with Salesforce

STORY:

Our customer is using Salesforce to maintain their customer data. Even though Salesforce provides Google maps solution, our customer wants to use the Google maps in a customised way.

They want to track the service engineer's location and also want to find their customer's location just by a simple address search as we do it in Google map

The Challenge:

- 👉 Our Customer wants to search and update the shipping address field in one of the custom object
- 👉 They also want to verify the customer billing address online
- 👉 Couldn't find out the nearest service engineer to assign the task.
- 👉 Wants to calculate distance and path between Starting and End Point of the site engineer
- 👉 Get the current location of the User by using the browser's location

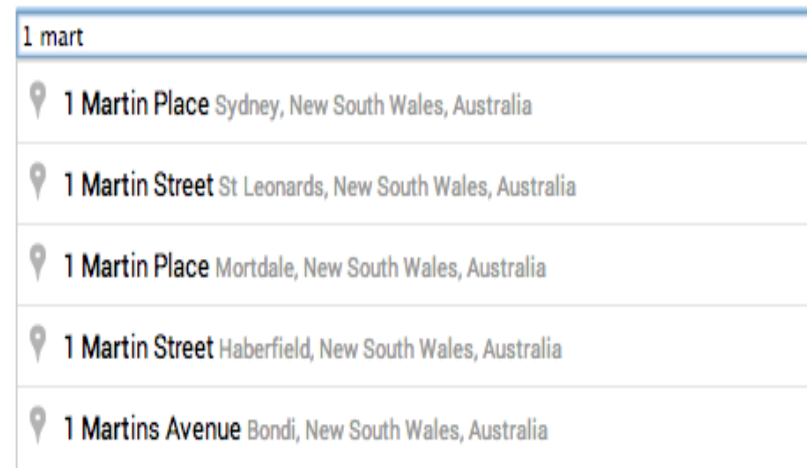
Process Flow



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The Solution for Google address Locator

- 🧐 Maps and location services uses Google Maps to display maps on standard address fields, enables creation of Visualforce maps, and helps users enter new addresses with autocomplete.
- 🧐 User can search and locate the exact address using the Google place API.
- 🧐 When the user started entering the address, Google Maps API would provide suggestions with existing addresses. User can easily verify their customer's address using Google Maps API



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The Solution for finding the nearest Service Engineer:

- 🤖 Google maps api which is in Javascript format. The predefined javascript functions in the Google map api allowed the user to search and show the Service Engineer's location on the Map
- 🤖 With the help of Google Map api, User can easily find out the nearest service engineer and assign the jobs accordingly. This helps the engineers travel time and travelling cost to the new assignment
- 🤖 Our customer is able to achieve their goal of providing the fastest service by finding and assigning the nearest Service engineer.

