**Google Maps:**

We worked with Google Maps JavaScript APIs for creating a world map which would fetch addresses from database and put markers on that address. The markers will show info on that address on mouse hover and on clicking it will zoom to that place and display the info.

Bitbucket repository link for the above project:

<https://Neeti2017Intern@bitbucket.org/Neeti2017Intern/googlemaps.git>

This project contains a HTML file with a div in which the map is created with the help of the javascript functions declared in other file.

Some of the functions of GoogleMaps are:

* This function is used for creation of maps with the preferences(options) required for the map by sending arguments to this function.

var map = new google.maps.Map(element, {

mapTypeControlOptions: {

mapTypeIds: [google.maps.MapTypeId.ROADMAP, "Edited"]

},

minZoom: 2,

zoom: 2,

mapTypeControl: false,

center: new google.maps.LatLng(0, 0),

mapTypeControl: false,

streetViewControl: false,

});

* This function is use to create a marker

var marker = new google.maps.Marker({

position: latlng,

animation: google.maps.Animation.DROP,

map: map,

});

* This function is used to add listeners to the marker

marker.addListener('click', function(x) {

return function(){

map.setZoom(8);

map.setCenter(x.getPosition());

}

}(marker))**;**