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**Requirements (PAMAC (Cloud Version))**

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**Posted By :** Sandeep Ghuge
R38
**Date & Time :** 21-08-2018 02:59:PM
Static Map Creation

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- In the existing scenario, we generate the static map on the basis of the zoom parameter which is not given proper output.
- So we decided how to manage dynamic zoom parameter, while searching found useful link https://developers.google.com/maps/documentation/maps-static/dev-guide.
- Which explain how to manage dynamic zoom parameter using the "visible" parameter.
- exisiting Api calling ="https://maps.googleapis.com/maps/api/staticmap?zoom=16&format=jpg&size=800x400&maptype=roadmap&markers=color:red|label:|24.8876558,55.1494442&key=AIzaSyDIPLyA4PFLNORpI9CZCN9wWKsS9t
- https://maps.googleapis.com/maps/api/place/nearbysearch/json?location=24.8876558,55.1494442&radius=500&key=AIzaSyBEx6SZ0kvKTMe7NTgU1SJwi9cAIYepHUk
  Using this link we can get nearby places in json format.
  From that we can get name of plcases which given idea of nearby places names.
- Resulted link for static map
  https://maps.googleapis.com/maps/api/staticmap?size=800x400&maptype=roadmap&markers=color:red|label:|24.8876558,55.1494442&
  visible=Air+Charter+International,Dubai|DNATA+Cargo+and+Logistics+DWC,Dubai&key=AIzaSyDIPLyA4PFLNORpI9CZCN9wWKsS9tu1Sts
  From above link we get needed static map.
  Currently check only for one longitude and latitude.

**Posted By :** Jayant Singh
R38
**Date & Time :** 06-09-2018 12:13:PM
Please Let me know the controller , function name and module name etc . so i start to work on it .Here first i will test this module under your guideline and after i will start on these changes.
**Posted By :** Sandeep Ghuge
R38
**Date & Time :** 06-09-2018 02:48:PM
Hello Jayant ,

First try to how to call the link of near by places . From that Read the response and parse in to the in array.
Then we will work on second link .
After completing the result we will test with different different combination.
If result is correct then we will implement in our controller , module.
**Posted By :** Jayant Singh
R38
**Date & Time :** 06-09-2018 02:49:PM
okk sir
**Posted By :** Jayant Singh
R38
**Date & Time :** 17-09-2018 02:12:PM
Hello sir ..
I gather some information as you suggest me , now where i use that dynamic zoom.Please Suggest me next..
**Posted By :** Sandeep Ghuge
R38
**Date & Time :** 17-09-2018 02:45:PM

Can you update on demo site and also share with me. While creating pdf , we create a static map.

**Posted By :** Jayant Singh
R38
**Date & Time :** 19-09-2018 09:19:AM
Sorry to say But.
you Still didn't give me URL, CONTROLLER, and Function where I could work, at least till I check-in localhost.
**Posted By :** Sandeep Ghuge

R38
**Date & Time :** 26-09-2018 11:54:AM
Hello Jayant,

You can find the "getgooglemap" function in "Commonfunmodel".
In this function we create the static map. Please check it.
**Posted By :** Jayant Singh
R38
**Date & Time :** 26-09-2018 11:55:AM
Let Me See
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 23-10-2018 06:04:PM
Update 23 oct 2018
-PAMAC documentation
--image upload

As discussion with sandeep sir,
working on Api for static map with nearby places

function used to create static map:commonfunmodel
to test:go to supervisor/rater list using supervisor login
      click on edit icon of any case

as discussed with sandeep sir:
display only 5 nearby places
display names of nearby places and capture following values,
name
lan
lat
point places on images

using rankby variable in url to get distancewise nearby places instead radius.
key for static map:AIzaSyC_PmtKyiDmARhEwaHod0uD7ygxUM_ZBls needed to send in url
-implemented logic to get 5 nearby places

error:The Google Maps Platform server rejected your request. You must use an API key to authenticate each request to Google Maps Platform APIs. For additional
information, please refer to http://g.co/dev/maps-no-account

**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 24-10-2018 02:02:PM
--static image task
for five nearby locations:
used label as A,B,C,D and E
used different color for each nearby location
lang, lat values of respective location in markers (not work based on names of location)
set values:
zoom:20
rankby:distance

nearby $url = "https://maps.googleapis.com/maps/api/place/nearbysearch/json?
location=".$lat.",".$long."&rankby=distance&key=AIzaSyBEx6SZ0kvKTMe7NTgU1SJwi9cAIYepHUk ";

image url $imgurl= "https://maps.googleapis.com/maps/api/staticmap?
center=".$lat.",".$long."&zoom=20&format=jpg&size=800x300&maptype=roadmap".$final_string."&key=AIzaSyDIPLyA4PFLNORpI9CZCN9wWKsS9tu1Sts";

**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 19-11-2018 05:46:PM
As discussed with Sandeep sir, following changes will be done
Needed to convert html map to image with multiple markers and infowindow containing address
-Info window on map into jpg for googlemap with input long, lat.
-implemented logic to load map with static long, lat values with info window containing address(Complete)
-created getimage view for loading and converting map to jpg image
-added method in userlogin controller 'getimg()' for loading getimage view
-added method in userlogin controller 'get_image3()' for ajax request from getimage view to create jpg file on server
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 21-11-2018 05:53:PM
--map creation with places and markers
--conversion of map to image
--open and hide image in view
--changes needs to be done:
      Hide rendering image from the user
--Issue: current implementation having image showing on the top of the page for few seconds, that should not be displayed or image should be loaded in the footer of the
page.
--Requirement: map to image conversion and image save should be done in background, means it should be hidden from the user.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 22-11-2018 05:50:PM

--implemented logic to create map and hide map at the footer of the page
--generated image renamed as caseid_googlemap.jpg
--image saved to ./thumbs folder and can be retrieve from same
--nearby places will be calculated if image is not present/created
--if image is already present then only file path with filename is returned else nearby places and filename returned from googlemap function of commonfunmodel
--Remaining:
set flag if image is already present then not to load getimage extra view,
during first creation of image, image is not displayed in img src box.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 23-11-2018 04:47:PM
-changes in files:

Model:
1)model:models/commonfunmodel.php
changed function:getgooglemap()
commented previous getgooglemap() and added (line:1128-1199) new function with same name, which will
get filname ,lat and long values of case and returns location map data with
nearby places and filename.
if file already present then only filename returned.

Views
1)views/user/footer.php
added lines no 2-6: condition to load view to create image for map

New view added:
2)views/getimage.php
-This file contains the javascript and ajax code.
-javascript code is used to load map and convert map data to image data using html2canvas library
-ajax call is used to convert base64 data to image file.

Controllers:
1)controller: user/cases.php    function:verification_edit()
previously commented function getgooglemap() uncommented for india operation
added changes only dubai operation
added lines:1110-1113: after getgooglemapdubai() call setting map data to variable and pass  to the view


2)controller:user/userlogin     function:mapToJpg()
added new function mapToJpg(), it gets ajax request from getimage view to create jpg file from the map data

Javascript library:
html2canvas

Total 6 files
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 26-11-2018 05:50:PM
Update 26 Nov 2018

R38:static image creation(dubai)
changes in files
1) user/cases controller--function verification_edit()

condition for dubai google map
2)userlogin controller
added mapTojpg() function
3)commonfunmodel model
added googlemapdubai()
4)view
new file getimage.php
5)user/footer view file
condition for load view when finalarray is not empty load the map load view i.e. get image

6)new js file
put in js/html2canvas.js

7) downloadreport controller
line:456 to line 460
adding image to pdf report:
condition for country india 11
needed to create static map for india
for dubai: just check file exist else rerturn "

for india image generated and added to pdf directly
for dubai
1)(verification->supervisor(rater)) click on edit icon to
generate image
2)after location image generated add bottom of page
verification->supervisor(rater) click on pdf
the generated image added to pdf report

New changes:
1) commonfunmodel model
function getgooglemap()
line:1070
added to $url "&key=".GOOGLE_API_KEY;

function getgooglemapdubai()
line:1164
added to $url "&key=".GOOGLE_API_KEY;

getimage view
line 2: key= constant added.


changed constant from GOOGLE_API_KEY to GOOGLE_MAP_API_KEY in 2 files 3 locations

constant file changes on demo:


//define("GOOGLE_API_KEY", "AIzaSyB00izHdONzLXdVAdmVWF71_OlwgXqkOko"); // Google API Key for FE assignment push notification for


define("GOOGLE_API_KEY", "AIzaSyCbI0UYlNSCChC1Io6iOKH-xOY_uyGNT-g");
// Google API Key for FE assignment push notification for

define('GOOGLE_MAP_API_KEY','AIzaSyDwU20oQha2yKcMJIelW_YPAPAqmP5OAbA');

//define('GOOGLE_MAP_API_KEY','AIzaSyB00izHdONzLXdVAdmVWF71_OlwgXqkOko');


test server:
1166 and 1157 commonfunmodel: ."&key=".GOOGLE_API_KEY appended to url
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 28-11-2018 10:16:AM
changes uploaded and tested successfully for Dubai (country 11) on demo,test and live server, can we close discussion.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 05-12-2018 05:39:PM
-added changes to
controller:cases        function:verification_view()
line:2400-2411 about google map for dubai
It was generating old map image for dubai when user clicks on view report instead edit report.
Now new map image generated for dubai.

controller:downloadreport        function:downloadpdf()
line:458-461 added file exist condition and rest commented, if file

this new condition will check for map file exist or not
if exist, map file loaded in pdf report
otherwise, map file created with old static map image and loaded in pdf report

-tested dubai map changes on test live server
-dubai map changes uploaded on live
-mapimage height  in getimage view to 500px
-changed height in cases controller to 500px

changes uploaded on test live server and tested successfully,
changes uploaded on live please check.
**Posted By :** Sandeep Ghuge
R38
**Date & Time :** 11-12-2018 12:14:PM
Hello Team ,

We created html map and then converted in Images, But for this implementation map needs to render on browser.
After some observation found that The FE directly view the PDF. So Its open old map. So we need to more work on Static map creation also.


Another point as we discuss on call with Ganesh sir, Kailash sir ,

- Our near by location map is identify by caseid_googlemap_nearby.jpg/png
- In case view and edit First check caseid_googlemap_nearby.jpg/png is available in thumbs folder .
    1. If available then no need to generate the map.
    2. If not available then create the map with nearby map
    3. After successfully creation map remove caseid_googlemap.jpg/png map from thumb folder.
- In PDF view we will give first preference to caseid_googlemap_nearby.jpg/png and then caseid_googlemap.jpg/png
    1. If caseid_googlemap_nearby.jpg/png **is available** then display caseid_googlemap_nearby.jpg/png
    2. If caseid_googlemap_nearby.jp/png **is not available** then display caseid_googlemap.jpg/png

when we open the case view or case edit page then first check caseid_googlmap.jpg file exist
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 11-12-2018 12:22:PM
Hi,
As new changes will take two days to be updated on live server.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 11-12-2018 01:59:PM
Hi,
The filename which is used previously should be kept as it is, since if we change it to appending nearby, then previous file generated with name without 'nearby' appended word will not match and can make api call for each and every request.
     Instead of that, we can name new static file as case_id_googlemap_static.jpg.
This implementation is only for dubai now, if we change filename with 'nearby' then it will become change for india also.
    We are facing nearby issue only in PDF generation if image is not rendered in view or edit case.
preference for map file: 1) case_id_googlemap.jpg
                        2) case_id_googlemap_static.jpg (dubai only)
please confirm.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 14-12-2018 08:53:AM
-Dubai static map changes:
-controller:downloadreport
--function:downloadpdf()
line:454-457
added new file name for dubai map when FE directly clicks on pdf report 'case_id_googlemap_static.jpg'.
for country India previous name as it is 'case_id_googlemap.jpg'
priority for map file:1)case_id_googlemap.jpg (for India and Dubai both)
                      2)case_id_googlemap_static.jpg (for Dubai)

changes uploaded on demo server, please check.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 27-12-2018 10:57:AM
google map api request over issue:
it is found that, after testing on demo server there is some page reload operation is going on at the time of edit / view case verification, that is the reason there are minimum 4 request are going for dubai map image generation:
2 for nearby cases calculate
2 for actual render image.
New log file added for actual render image on getview after ajax request success.
After finding why page gets reloading, will update the same here.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 27-12-2018 01:56:PM
hi,
problem is in view file 'user/master/view' causing reload, as i disabled this in 'home_proceed' view then we are getting accurate 2 request for map 1 for nearby and 1 for render image.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 28-12-2018 05:05:PM
Hi,
can we use separate keys for individual google apps? since currently we are using only 1 key for static map, nearby places and render map.
**Posted By :** Super Admin
R38
**Date & Time :** 31-12-2018 02:03:PM
Please discuss thoroughly with Kills without the no new experiments
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 14-02-2019 06:00:PM
since i am on leave will discuss about this after 19th feb.
**Posted By :** Khamroddin Shaikh
R38
**Date & Time :** 22-02-2019 03:06:PM
As discussed with Kailash sir, Nearby places api stopped and only static map api is used in system. So can we conclude this?
**Posted By :** Sandeep Ghuge
R38
**Date & Time :** 12-03-2019 03:13:PM
Requirement is closed.
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