



# MyProject

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## Requirements (PAMAC (Cloud Version))

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**Posted By :** Khamroddin Shaikh

R41

**Date & Time :** 31-10-2018 03:08:PM

Resizing image of cases

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As discussed with Sandeep sir and Manas sir,  
we got a new requirement to reduce storage space for images on live server by compressing the cases images  
having size above 300 kb to 200 kb.

**Posted By :** Khamroddin Shaikh

R41

**Date & Time :** 31-10-2018 05:57:PM

Task to compress images  
as discussed with sandeep sir  
compress images which > 300KB to between 200-300KB

class used for image compress:

<https://github.com/eihror/compress-image>

How to use

Clone this project inside the project that you want to use

composer require eihror/compress-image

syntax:

```
$image_compress = new EihrorCompressCompress($file, $new_name_image, $quality, $pngQuality, $destination);
```

as discussed with sandeep sir,

need to iterate compression process multiple times until filesize < 300KB and >200KB

**Posted By :** Khamroddin Shaikh

R41

**Date & Time :** 02-11-2018 05:03:PM

Update 2 Nov 2018

-Image compression

-Implemented logic to compress images which are > 300

-Tested with 1 day image backup folder and successfully compressed to it

changes in File:webservice/api\_live\_2\_3\_test.php

-Changes in downloadImages():

--In else part of move\_uploaded\_file

--condition for file > 300KB resize function execute else process further

-Added resizefile() //Main function to compress image file size

--Library used: <https://github.com/eihror/compress-image>

-Added cron\_convert\_images() // Compress images using cron job, need to provide path of image folder

-Added convert\_image\_log() //Creating log for compress images only

--Logfile location : \$\_SERVER['DOCUMENT\_ROOT'].'/convert\_images\_log/converted\_images'.date('Y-m-d').'.txt';

--Format: FileNo) Image Path : ImagePath Status:Success/Failed

issue:

1)Image Dimension need to be changed if greater than max dimension defined

2)New folder for compressed image and move last compressed image to dest.

>300KB original:

Files:144

Size:60MB

>300KB compress

Files:144

Compressed Size:33.5MB

Compression Ratio: 55.83%

>200KB original:

Files: 1047

Total Size:264MB

>200 compress

Files: 1047

Total Compressed Size:183MB

Compression Ratio: 69.31%

**Posted By :** Khamroddin Shaikh

R41

**Date & Time :** 05-11-2018 09:54:AM

Update 3 Nov 2018

-make\_dirs() added to create folder for log file and temp compressed image folder

-renamed function name to cron\_convert\_images()

--added condition for file> 200KB , if file is >200KB then compress image else skip

--add total files count compressed in log file.

-convert\_image\_log() this function is used to create a log file for compressed images

-resizefile() this function contains the actual code to compress the image whose file size > 200KB upto 3 iterations  
--1st time compressed image is stored in ./uploads/temp folder  
-- if previously compressed image file size is still > 200KB then quality is decreased with 5 to existing quality means quality = quality -5 otherwise the image is renamed and overwrite to the original folder.  
-- after 3 iteration complete image in temp folder renamed to original image and overwrite to source location.

original  
total files : 4745 above 200KB  
file:2.12GB

after compress:  
1.75GB  
370 mb recover ok

**Posted By :** Khamroddin Shaikh  
R41

**Date & Time :** 05-11-2018 12:29:PM  
added jpeg file type as discussed with Sandeep sir replaced previous globe function with  
glob("\$path{[jJ][pP][gG],[jJ][pP][eE][gG]}", GLOB\_BRACE) as globe function is case sensitive

**Posted By :** Khamroddin Shaikh  
R41

**Date & Time :** 09-11-2018 09:46:AM  
Uploaded on live server, can we close the requirement?

**Posted By :** Sandeep Ghuge  
R41

**Date & Time :** 11-12-2018 11:49:AM  
Hello Team,

Shaikh updated in webservice on demo server, I need to test but before that i Working on android application .  
After completing changes I will update in live server.

**Posted By :** Super Admin  
R41

**Date & Time :** 31-12-2018 02:06:PM  
On live web only mains will up date and on live PK only Sandeep will update.  
Please test and confirm if all ok

**Posted By :** Dipika Yedge  
R41

**Date & Time :** 02-01-2019 05:48:PM  
Hi,

As discussed with Sandeep please close.

**Posted By :** Kailash Kumawat  
R41

**Date & Time :** 04-01-2019 03:12:PM  
Requirement is closed.