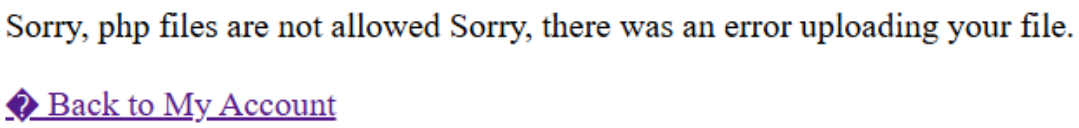
Web shell upload via extension blacklist bypass

1. This lab contains a vulnerable image upload function. Certain file extensions are blacklisted, but this defense can be bypassed due to a fundamental flaw in the configuration of this blacklist.

2. I tried to upload basic PHP shell via upload avatar, but the uploading failed.



3. I know that there are many alternatives to **.php** extension to bypass the extension restrictions. I search on PayloadAllTheThings and I got some alternatives. A lot of them success in bypassing the restriction on the extension while uploading and the shell file uploaded successfully but there is another problem. When I access the shell file, the content of the file displayed as plain text. I tried to chain it with path traversal vulnerability, but it was useless.

4. I think to brute force all extensions that I get from github. And it was useful. This extension "**.phar**" make the shell file uploaded and run successfully and I got **RCE** on the wesite.