

- Proficiency in PHP and HTML are highly recommended for comprehensively making changes
- Original Developer's Git Repository, containing the source code for this project:
 - <https://github.com/chris-jasztrab/onlinecardregistration>
- Highly recommend reading the original readme file

/private

- **barcode39.php**: code that generates the scannable barcode using the library card number
- **config.php**: contains important variable configurations for the project, including institution name, app server URL, Sierra API key and secret, patron stats password, "patron type" number, starting 13-digit barcode number, Google reCaptcha key, Bing Maps key, and the ILS database port, URL, and login credentials,
- **currentbarcode.txt**: the current 13-digit library card number (prior to adding a 14th check digit) that the system will use for the next eCard created. Increments up by 1 for every time a new patron is created. Avoid changing this unless necessary, so there are no library card number that overlap
- **exception.php**: PHPMailer (PHP library for sending emails) exception handler code. Nothing to change here, just code from PHPMailer's open source
- **functions.php**: Contains all the code's functions, including "updatePatronAddress", "updatePatronType", "createNewPatron", "generateBarcodeCheckDigit", "createLibraryCardImage", "generateRandomPIN", etc.
 - **functions__New__bad.php**: a testing file with some different code in it like a different check digit algorithm and more. Ignore
 - **functions__new__good.php**: another testing file similar to above. Ignore
- **initialize.php**: initializes all the code, calls different PHP files
- **jwt_helper.php**: has to do with the JSON Web Token. Never touched it, so not much to see here
- **PHPMailer.php**: PHPMailer code. Nothing to change here, just code from PHPMailer's open source
- **phpqrcode.php**: Code for making a QR code, although this function is not integrated into the Glendale online registration process. Never touched this or changed it from the open source
- **public_header.php**: HTML header that includes certain libraries and sets some CSS outlining for the page
- **testbarcode.php**: A php file the original developer made so I could test the functionality of the barcodes being generated to see if they would work with the ILS. Didn't use it much

/public

- **email_divs.html**: contains HTML divs that I took from a standard City of Glendale email so I could copy the format and put it in the email code of this project. This file is not a functioning or integrated part of the webpage or registration tool
- **LICENSE**: code licensing

- **README.md:** readme file from the original open source code.
- **/html**
 - **/assets:** contains code files for integrated assets like the “bfh-datepicker” (interactive chart where patron picks their date of birth), for example
 - **/html_email:** contains code for the original email. None of this is in use since it was all formatted, designed, and worded for the library branch system of the code’s original developer. Current email code, created from scratch, is located in patronpostpatron.php
 - **/images:** contains all the images used for cosmetics of the webpage and virtual library card. Ex: web page background, library card template, GLAC logo
 - **/includes:** some necessary files that need to be included for the functionality of the PHPMailer library
 - **form.php:** contains all the HTML code for the personal information entry form for patrons.
 - **index.php:** PHP/HTML code of the home page for register.eglendalelac.org
 - **mplonlinecardfaq.php:** FAQ page for the developer’s library department. Not in use by Glendale Library
 - **patroninfo.php:** PHP code for getting certain patron information from the ILS, for employee use
 - **patronpostpatron.php:** Creates connection with ILS, creates new patron in the ILS, displays the confirmation page and an image of the virtual eCard to the patron, and sends email to patron’s email address with PHPMailer and A2Hosting mail server (all code near the bottom of the file)
 - **resendemail.php:** Supposed to resend a new email after the patron changes their PIN, if they choose to do so. There is currently no option for a patron to change their PIN through this specific web application, so this file is largely untouched and unused.
 - **verifynewpatron.php:** comes after form.php and before patronpostpatron.php. Allows the patron a chance to check over all the information they entered and verify it is correct before they continue and submit everything.
 - **extra:** there are various image and barcode files that were generated during testing/development. Nothing relevant

Notes: Google reCaptcha and Bing Maps settings are under account: glendale.lits@gmail.com password: @G13nda13#

A2 -- the master onlinecardregistration folder is located under the register.eglendalelac.org subdomain file in A2’s file manager, which is accessible through cpanel. Email settings for noreply@eglendalelac.org are also accessible through cpanel. “register.eglendalelac.org” redirects to “register.eglendalelac.org/onlinecardregistration/public/html/index.php” because the web application must open up to the index.php file to work. Redirect settings are accessible through cpanel

email settings and mail servers for noreply@eglendalelac.org (available to access through the A2Hosting cpanel)
password: FOLDpaper101

Secure SSL/TLS Settings (Recommended)	
Username:	<code>noreply@eglendalelac.org</code>
Password:	Use the email account's password.
Incoming Server:	<code>az1-ss38.a2hosting.com</code> IMAP Port: 993 POP3 Port: 995
Outgoing Server:	<code>az1-ss38.a2hosting.com</code> SMTP Port: 465
IMAP, POP3, and SMTP require authentication.	