

SE Sprint 4

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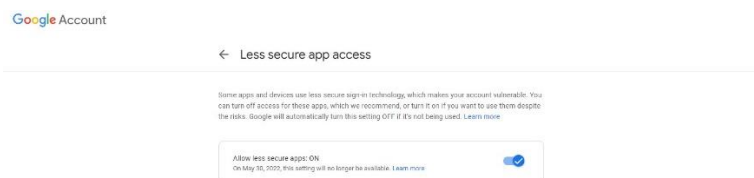
Additions made in this sprint

- Search functions for places and visitors added to agent portal.
- Autofill options has now been added to each search input in agent portal.
- Authorize page for agent added.
- Authorize function by which admin can authorize a hospital has been added.
- Unauthorized hospitals cannot login even if they have credentials unless they are authorized by admin.
- Hospital search function for visitors have been added to hospital portal.
- Autofill has also been added to the hospital portal as well.
- Added hospital information for agent in the agent portal.
- Added feature for hospitals to send email automatically when changing infection status to yes. (How to setup automatic Email for PHP has been explained below in detail.)

How to get the mail() set up for PHP?

(NOTE: You need to have a Gmail account!)

- 1) Login to your Gmail account on your web browser.
- 2) Go to the security and then go to less secure app access and turn it on.



- 3) You will receive a mail on your account and confirm that it was you who turned it on.
- 4) Next, we go to the code for hospital.php. We added the following code to the submit button for automatically emailing the user when infection status is turned to "yes".

```

<?php
if (isset($_POST['submit'])) {
    $id = $_POST['id'];
    $email = $_POST['email'];
    if ($_POST['status'] == 0) {
        $command = "UPDATE Visitor SET infected=1 WHERE visitor_id='$id'";
        $subject = 'CAUTION!!!';
        $message = "You are marked as infected!";
        $headers = "From: (Your Gmail Account)@gmail.com"; //You need to put ur gmail here!
        if($counter==0)
        {
            $mail_sent = mail($email, $subject, $message, $headers);
        }
        else{
            //
        }
        mysqli_query($conn, $command);
    } else {
        $command = "UPDATE Visitor SET infected=0 WHERE visitor_id='$id'";
        mysqli_query($conn, $command);
    }
}

```

5) You need to put your own Gmail account here in \$headers.

6) Now to set up the mail() function we need to do a few things in XAMP folder. First, we go to the PHP folder and open the php.ini file.

7) Copy the settings as follow:

```

[mail function]
; For Win32 only.
; http://php.net/smtp
;SMTP=smtp.gmail.com
; http://php.net/smtp-port
;smtp_port=465

; For Win32 only.
; http://php.net/sendmail-from
sendmail_from = [REDACTED]@gmail.com

; For Unix only. You may supply arguments as well (default: "sendmail -t -i").
; http://php.net/sendmail-path
sendmail_path = "C:\Users\Sid\Desktop\php\sendmail\sendmail.exe -t -i"

```

8) For sendmail_path you will have to copy the path on your own depending on where it is saved on your computer. The sendmail is present in XAMP folder by default. If not, it is easily downloadable and open source.

9) Next, we changed the setting for the file sendmail.ini. Copy the settings as follows:

[sendmail]

```
; you must change mail.mydomain.com to your smtp server,  
; or to IIS's "pickup" directory. (generally C:\Inetpub\mailroot\Pickup)  
; emails delivered via IIS's pickup directory cause sendmail to  
; run quicker, but you won't get error messages back to the calling  
; application.
```

```
smtp_server=smtp.gmail.com
```

```
; smtp port (normally 25)
```

```
smtp_port=465
```

```
; SMTPS (SSL) support
```

```
; auto = use SSL for port 465, otherwise try to use TLS
```

```
; ssl = always use SSL
```

```
; tls = always use TLS
```

```
; none = never try to use SSL
```

```
smtp_ssl=ssl
```

10) Type your Gmail username and password.

```
auth_username=[REDACTED]@gmail.com  
auth_password=[REDACTED]
```

11) Now we are ready to send an email and all that is required is to change the status for a person to yes and an automatic email will be sent to the selected person.

