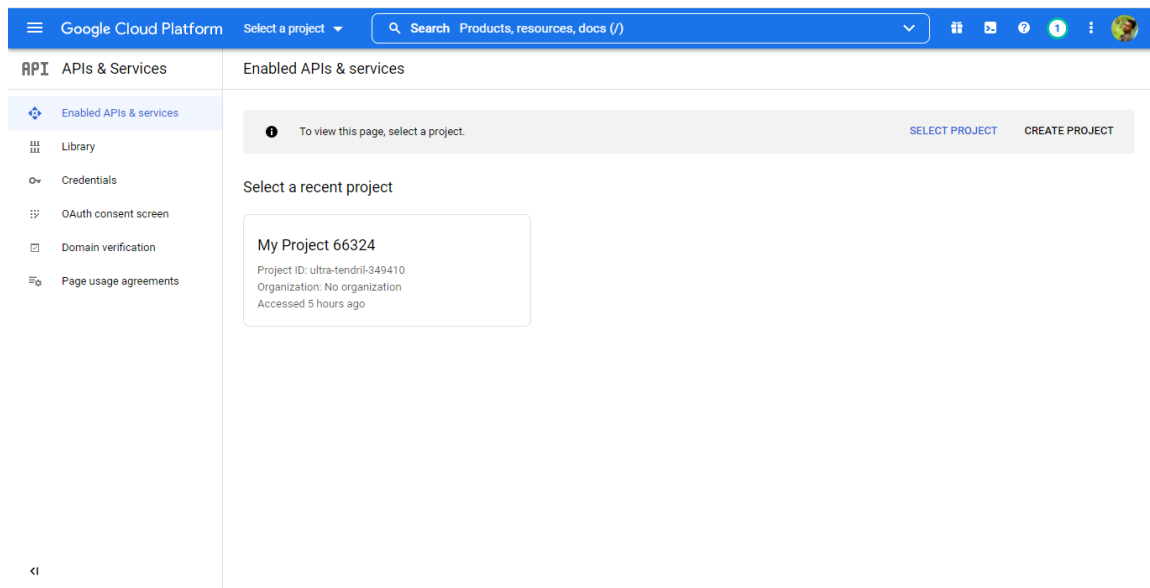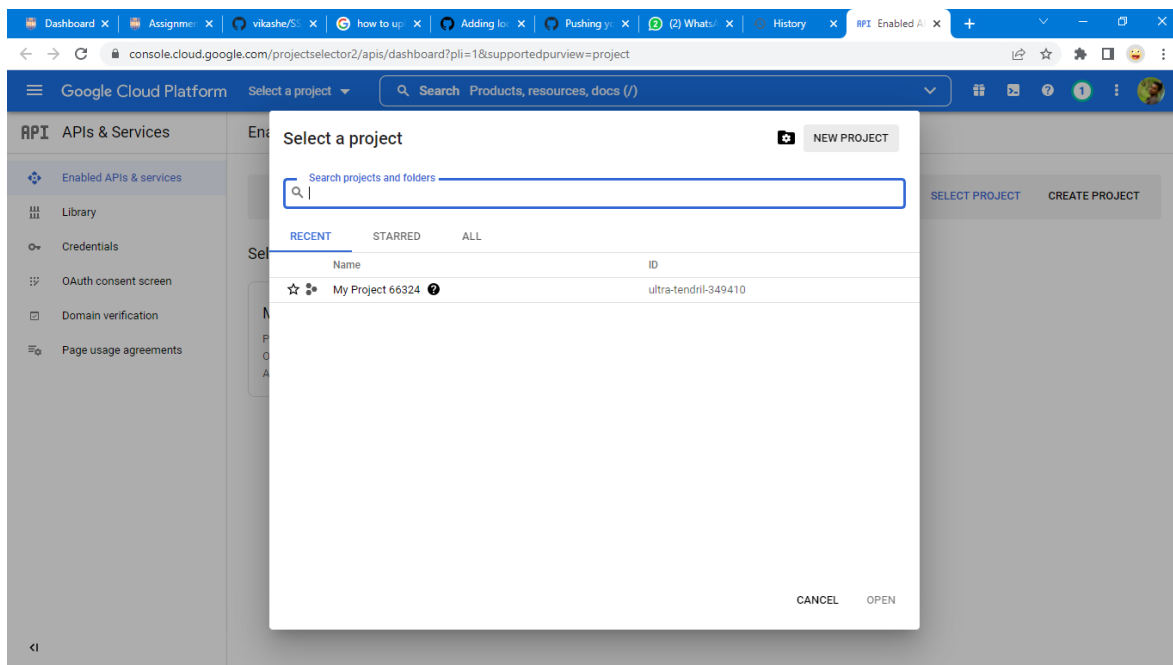# Report – SS Assignment 02

MS21926594 – Vikash T.E

Go to Google cloud platform and log in with your account

Click on create project

Click on new project

Give the project a name

After the project been created click on OAuth consent screen

Select External

Provide an app name, email and save &continue

Save and continue with scope and test users (no need to fill the blanks or select anything)

Then you need to click on publish app

Next go to credentials on your left and create credentials and click on OAuth client ID
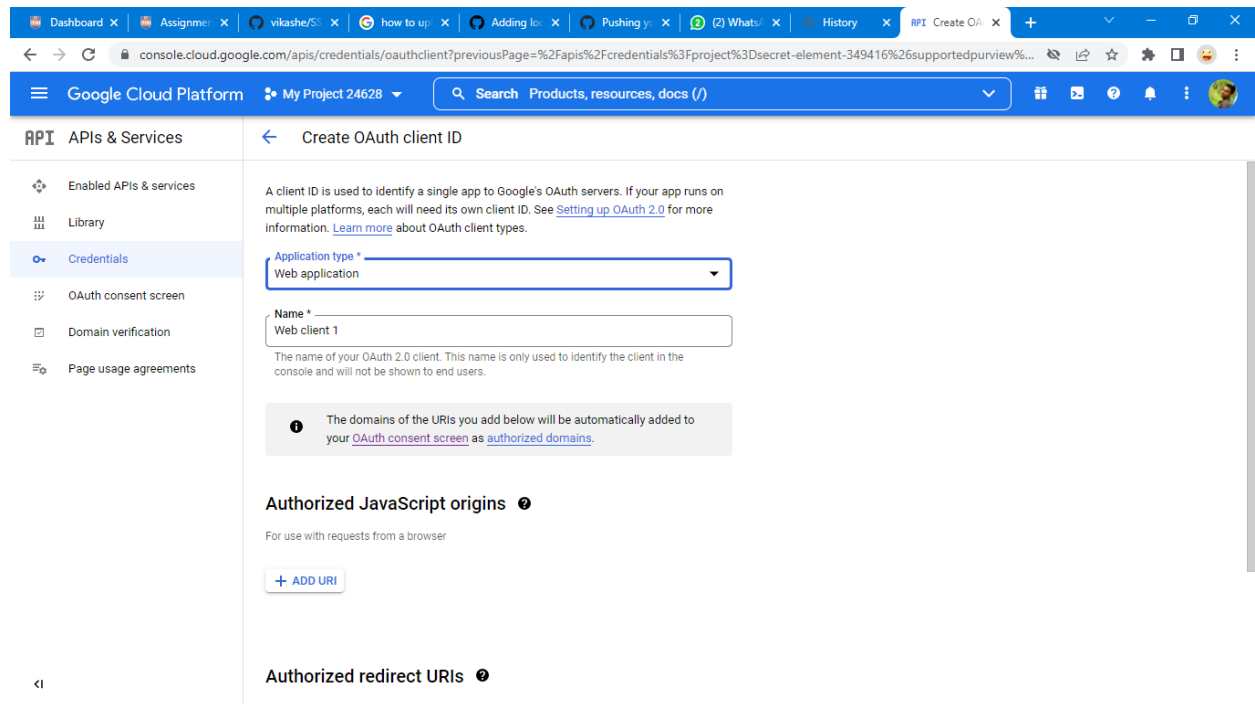
Welcome to Google Drive upload Application

Please sign in with your Gmail account to continue

Dashboard of the developed web application

Uploading page

Click on upload button and choose a file from the device to upload
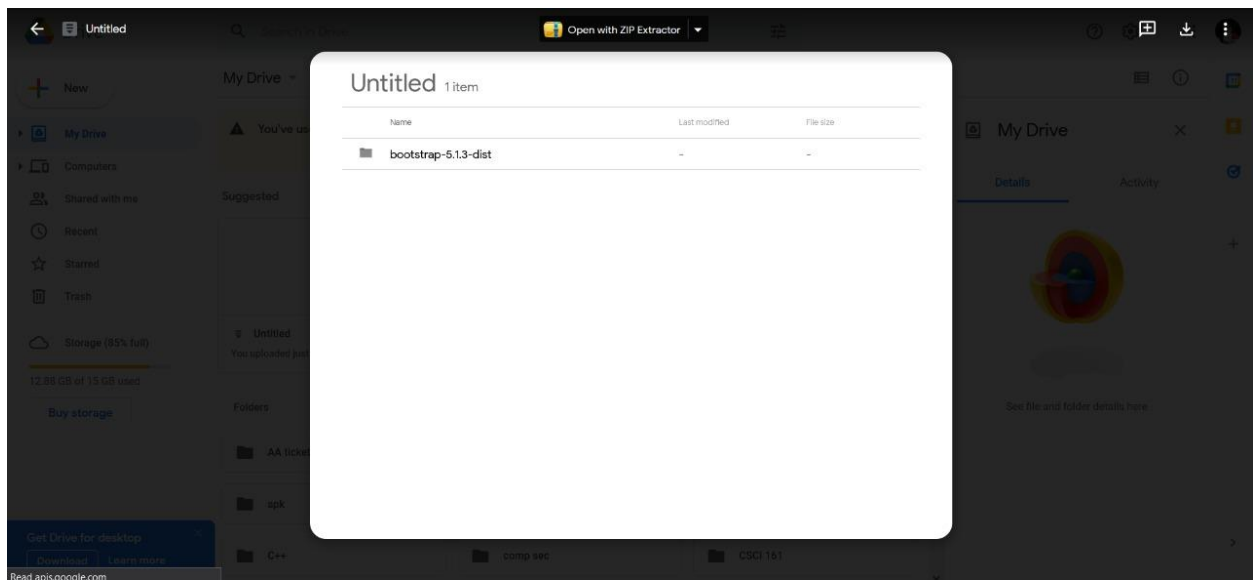
File can be found in the Gdrive of the account
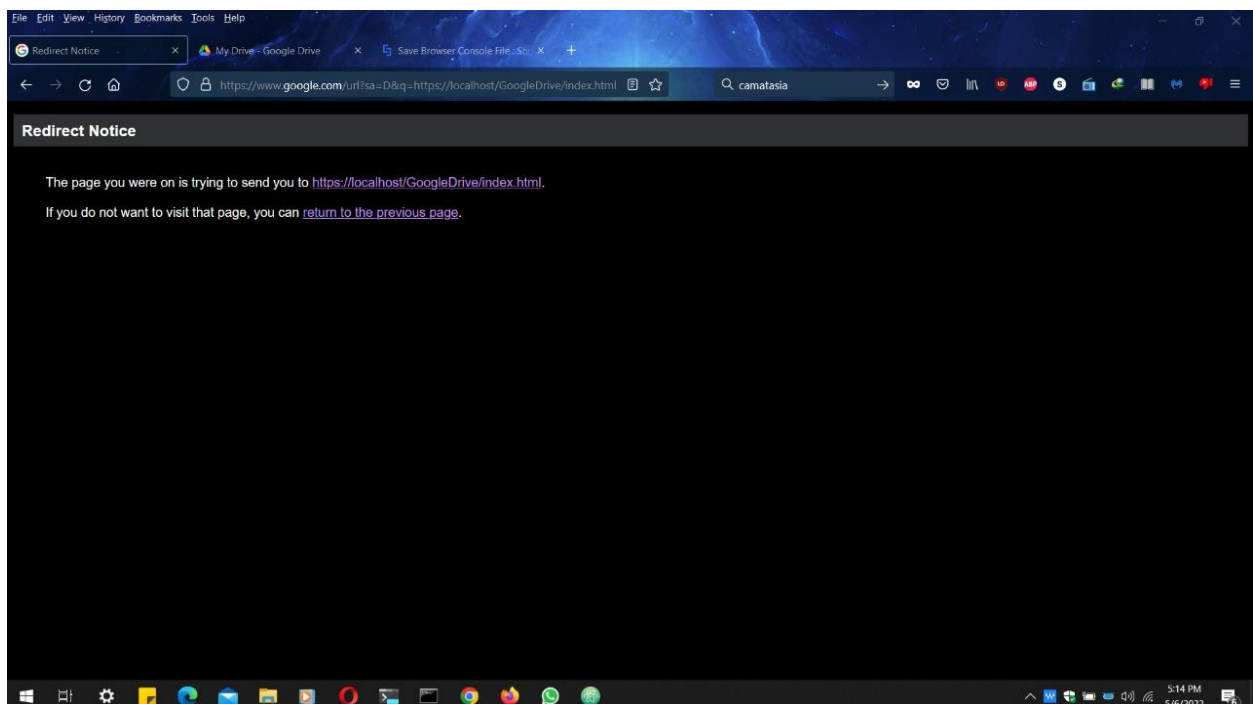
Redirect notice page

Appendix

Upload.html

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <meta name="google-signin-client_id" content="515079049164-
5tvhqducbao96ktck7qsoouv1ic95jg7.apps.googleusercontent.com">
    <title>Upload Files to Gdrive</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></scrip
t>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
    <script src="https://apis.google.com/js/platform.js" async defer></script>

    <script src="upload.js"></script>
    <link rel="stylesheet" href="upload.css">
  </head>
  <body>
    <a href="#" onclick="logout();">Sign out</a>
    <script type="text/javascript">
    var logout = function(){
    document.location.href =
"https://www.google.com/accounts/Logout?continue=https://appengine.google.com/_ah
/logout?continue=https://localhost/GoogleDrive/index.html";
    }
    </script>

    <div class="upload-file">

        <div class="upload-snippet">
            <h3>Google Drive File Uploader Page</h3>

            <div class="row">
```

```html
            <div class="column">
              <img src="images/drive.png" class="center" >
            </div>
            <div>
                <button class="btn btn-primary" align="right"
onclick="logout();">Sign out</button>
            </div>

        </div>

      <input id="files" type="file" name="files[]" multiple/>
      <hr>

      <button id="uploadFile" class="btn btn-primary">Upload</button>
      <div id="progress-wrp">
          <div class="progress-bar"></div>
          <div class="status">0%</div>
      </div>
    </div>

    <div id="result">
    </div>

  </div>


  </body>
</html>
```

Index.js

```javascript
$(document).ready(function(){

    var clientId = "515079049164-
5tvhqducbao96ktck7qsoouv1ic95jg7.apps.googleusercontent.com";

    var redirectURI = "https://localhost/GoogleDrive/upload.html";

    var projectScope = "https://www.googleapis.com/auth/drive";

    var address = "";


    //event click listener to the login button
    $("#login").click(function(){
        login(clientId,redirectURI,projectScope,address);

    });

    function login(clientId,redirectURI,projectScope,address){

        //url the user will directed after sign in
        address =
"https://accounts.google.com/o/oauth2/v2/auth?redirect_uri="+redirectURI
        +"&prompt=consent&response_type=code&client_id="+clientId+"&scope="+projec
tScope
        +"&access_type=offline";

        window.location = address;

    }



});
```

Index.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="google-signin-client_id" content="515079049164-
5tvhqducbao96ktck7qsoouv1ic95jg7.apps.googleusercontent.com">
  <title>Sign In With Google Using JavaScript</title>

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></scrip
t>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <script src="https://apis.google.com/js/platform.js" async defer></script>

  <script src="index.js"></script>
  <link rel="stylesheet" href="main.css">
</head>

<body>

  <h1>Welcome to Google Drive upload Application</h1>
  <h2>Please sign in with your Gmail account to continue</h2>

  <table>
    <tr>
      <th><img src="images/drive.png"></th>
<th><button id="login" class="btn btn-primary">Sign in</button></th>
    </tr>

  </table>
```

```
</body>

</html>
```