### Assignment 3 README

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URL for the project:  
a3.omeedwaziri.com

AngularJs (html) points to API on a3.georgeleung.com

Logins:

Email Password Role

---------------------------------------------

adam@gs.ca P@$$w0rd Administrator

wendy@gs.ca P@$$w0rd Worker

rob@gs.ca P@$$w0rd Report

[test@gs.ca](mailto:test@gs.ca) P@$$w0rd (Disabled) can’t login

Done:

* Disable user implemented
* CRUD on lookup table
* Validation -- When user enters a blank role, a message indicates that this is not allowed
* Drop down list on data entry page populated from lookup table
* Role enforcement:
  + Admin: Create, edit, delete data
  + Worker: Create, edit, delete data; Users with Worker role cannot see menu items that relate to roles, users, and lookup tables
  + Others: No Create, edit, delete data
  + Anonymous users do not see content they do not have access to
  + Reporter: able to view reports using rob@gs.ca and password P@$$w0rd, but can only see menu items that relate to reports.
* Generate report using AJAX. Have a menu item on your home page that leads to a page that generates ad-hoc filtered reports using ASP.NET MVC
* WebAPI was in place. All client Data can be extracted from /api/Clients/. Specific Client will be in /api/Clients{{id}}
* Contents of drop-down-lists are visible

Issues:

* Unable to link it so that when program == SMART, allow additional SMART ENTITY are captured
* AngularJS was utilized to parse the raw Client data. However, we are unable to select the specific client data based on specific file status/Assigned Worker

Other challenges

* There are too much fields in the entity, and thus require extra scrutuny
* Repeated data on table
* Resolve icollection issue by using annotation [JsonIgnore] or [Newtonsoft.Json.JsonIgnore] on Icollection
* Difficulty to modify the webAPI such that it will work with the desired AngularJS layout
* Intergration

## COMP4870 assignment 3 marking guide:

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| --- | --- | --- | --- |
| Name 1: | Omeed Waziri | Name 2: | George Leung |
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| Site URL: | a3.omeedwaziri.com | Date: | April 08, 2015 |

|  |  |  |
| --- | --- | --- |
| Task | Max Mark | Actual Mark |
| Contents & quality of MS Word submission document   * *Readme.docx* placed in the Visual Studio web project docs folder * Marking guide included in *Redme.docx* * URL for deployed site mentioned as comment during D2L submission * Names, Emails, Site URL, and Date filled-out above marking guide included with *Readme.docx*. * URL for deployed site | 5 |  |
| Authentication & Permissions   * Anonymous users do not see content they do not have access to * Able to login as admin using [adam@gs.ca](mailto:adam@gs.ca) and password P@$$w0rd * Administrators have access to all functionality * Able to login as worker using [wendy@gs.ca](mailto:wendy@gs.ca) and password P@$$w0rd * Only users with *Administrator/Worker* roles are allowed to create, edit, and delete client data. * Users with *Worker* role cannot see menu items that relate to roles, users, and lookup tables * Able to view reports as reporter using [rob@gs.ca](mailto:rob@gs.ca) and password P@$$w0rd * Users with *Reporter* role can only see menu items that relate to reports. * Disabled users cannot login | 9 |  |
| MVC, C# and ASP.NET coding best practices   * Relevant content on all pages   All pages have meaningful titles | 1 |  |
| General Data   * All drop-down-lists on client data forms are read from lookup tables * Data is complete | 5 |  |
| Cases where *Program==Smart* contain additional smart entity data | 5 |  |
| *Reports.html* generates same report as above on a local computer accessing data from WebAPI service on Azure using AngularJS, CORS & Authentication   * *Report.html* placed in site root directory * Reports can be generated on a remote client desktop/laptop by loading *Report.html*, and all its dependencies (\*.js, \*.css, & \*.html) in Visual Studio on a client desktop/laptop computer. * Report filters based on month & year generate correct reports * Reports look professional | 5 |  |
| TOTAL | 30 |  |