DCS Site Map

Pseudo Code Admin Page

```
include header;


if user is not logged in or user is not admin {


include menu which will have some specific code not to show them links to the data
pages ;

echo messages that they have to be an admin to view that page;

}


else {


titleToMenu=admin.php;

include menu.php (which will now display them links to a an intranet.page which will
include links to data pages);

}

Also include form.php;
```

Pseudo Code Form Page

```
formIsSubmitted=false;


if forms is not submitted {
```

```
    call function to wipe $output so that logout message isn't displayed twice;

    call all the functions to generate fields for the form (passing variables to those
who need;

    generate error message if you find any errors in the input submitted;

    }



if user hit submit on the form{

    formIsSubmitted=true;

    if formIsSubmitted==true{

        concat to $output a message that the staff member was created successfully;

        }

    }

    echo $output (log-out and form or/and success message);
```

Pseudo Code Header Page

```
start session;

set loginFormIsSubmitted=false;

include process.php;

if session['user_name'] isn't set nor cookie['user_name']{

call functions to generate two fields for login form, user_name and pass and send to
function relevant details such as

    php_self

    legend

    name for password fields read by php (since there will also be password field for
creating new staff members)

    Submission legend and field name.


call function to generate error messages if you find any in input;
```

```
}

if user hit login and submitted form{

   set loginFormIsSubmitted=true;


   if  loginFormIsSubmitted=true && noErrorsDetected{

        wipe the variable $output (which will collect data to be displayed to user)
clean (so that it doesn't show form )

        set variable in $_session to tell us that session is now active (save it with
string that will tell client, they're successfully logged in)

        }

   }

if either session[sessionActive] is true or cookies[userName] is true {

   display log-out form;


}

if titleToHeader isset (which will be the case with all the data pages){

   include a different header; (so that the css can be applied)

)

else {

        use the following header;

   }


   echo $output (sign in form, log-out or/and first refresh after signing in) that
collects the output;


   }


if cookie userName isset (case from after first refresh after login, and if cookies is
switched on){

 set header with value from cookie (welcome to dcs: John doe) ;

 }
```

```
  else  if only sessions isset (case as login-is hit and also in case client has
cookies blocked){


   set header with value from session[userName];



   }



   if user logs out {

   clear session array;

   delete cookies that the session uses if there are;

   delete cookies we've set;

   }

   destroy session;

   reload page to home;

   }
```

Pseudo Code Index Page

```
include the header page;


set variable titleToMenue = index.php;


include the menu page;


content to display on home/index page


include footer page;
```

Pseudo Code Intranet Page

```
if neither cookie nor session active is set {


   include header.php;
   include menue.php;
 }


else (i.e. user is logged in){
```

```
    titleToMenu=intranet.php;

    include header.php;

    include menu.php

    as well as all other content in the page; }


    include footer;
```

Pseudo Code Menu Page

```
declare an empty array pages();


if titleToMenu is set and it == to intranet.php {

   set pages() links also to the data pages in the navigation;

   }


   else { (that is in the case of just a staff member being signed in)


   set pages() array just links to the other pages;

   }


   set variable $menu  to a navigation of all the pages and display it;
```

Pseudo Code Process Page

```
set an array with the names of the fields that form.php will generate as element keys;


declare an empty variable $output;

declare an empty array $errors;

declare an empty array $clean;


declare a Boolean errorsDetected = false;

declare a variable isAdmin = false;


function redisplayDataInFormfields (fieldName){

 (receives $fieldName from function that  generates form fields.  For each fieldName,
calls a function to process that field name;
```

(each processing function either populates clean array or error array, depending on the data they find in the POST array)

if clean[fieldName] is populated

{ return the data to the field which called it;

  else {

  return an empty string;

}

}

function processUsername { (called within function redisplayDataInFormfields)

Checks if userName is not empty;

Checks if userName already exists in Folder Settings that is outside of Public_wwww;

populates the global variables with its findings;

}

function process password{

checks that password is not empty, exists already in Settings folder and whether is admin password;

if is adminPassword {

  stores true in session array and in a cookie;

  }

  if password exists, then it's valid {

      sets a cookie and a value in session array of the user's userName;

      }

  else{

  populates the global variables with the relevant data;

  }

  }

  }

```
function processNewPassword {

( deals with new password coming from form through admin.php)


   Checks that password DOES NOT already exists, using function ComparePasswords to do
this;

   wirtes the new password into a file in folder Settings;

        populates the global variables with its findings;



}


function process confirmPassword {


checks that it matches with the passwors submitted by using the global clean array
which is already created;

does the usual password validations checks;

}


function processTitleField{

   checks that the field is filed and stores relevant data into global variables;

}


function processTextField{

   process firstname and surname;



}


function process email{


validates that field is populated and that email is valid;

}


function checkPasswordIsAdmin{


if isAdmin cookies or isAdmin session isset {

return true;

}

else {
```

```
        return false;

    }


    }


    functions that generate all the form fields (abstracted and perfect for reuse);


    function GenerateErrorMesaage{


    if the global boolean errorsDetected=true {

        call function AuthorMessage that generates error message;


        }
        }


    function Authormessage displays all the values it finds in $errors array in unsorted
    list tags;


    function wipeOutput cleans the variable $output when needed;
```