**MOCK**

**AB-SD (Service Directory)**

**Pseudo Code**

Bài các bạn quá giống nhau

## 6.1 Logon & Logout

**BEGIN MAINPROGRAM home**

Display MyGSet home page ;

Display Login function in main page ;

**IF** User click “Logon” **THEN**

Display login page ; //call login

**ENDIF**

**END MAINPROGRAM home**

**BEGIN MAINPROGRAM Login**

Display entry fields UserName & Password ;

Get UserName, Password from keyboard ;

**IF** User click "Submit" button **THEN**

Validate;

Display ‘Logon successed’;

**ENDIF**

**IF** user click click on ‘Forgot Password’ link THEN

**Display** ‘Forgot Password’ page;

**Call ForgotPassword;**

**ENDIF**

**END MAINPROGRAM Login**

**BEGIN SUBPROGRAM ForgotPassword**

**Display** entry fields UserName & Email ;

**Get** UserName, Email from keyboard ;

**IF** Username and Email are not fit **THEN**

Show error message ‘Username and Email do not match’;

**ELSE** system will send password to the email input;

**ENDIF**

**END SUBPROGRAM ForgotPassword**

## 6.2 Organisations

### 6.2.1 List Organisations

**BEGIN MAINPROGRAM home**

**Display** Service Directory home page;

**IF** User click “Organisations” from the menu **THEN**

Display ‘Organisation List’ screen;

**ENDIF**

**END MAINPROGRAM home**

**BEGIN MAINPROGRAM ListOrganisations**

Display displayed showing all active Organisations by default

**IF** users clicks on ‘Include In-active’ checkbox **THEN**

Display all of active and in-active organisations in the list.

**ENDIF**

**IF** users selecting ‘All’ or ‘0-9’ or ‘ABCDE’ or ‘FGHIK’, etc. in a row above the list **THEN**

Display all organisations that begin with the selected letter will be shown

**ENDIF**

**IF** user clicking on column name **THEN**

Display all organisations with sort

**ENDIF**

**IF** user selects an Inactive Organisation in the list to view **THEN**

Display message ‘Do you want to make this Organization active?’

**ENDIF**

**END MAINPROGRAM ListOrganisations**

### Add Organisation

**BEGIN MAINPROGRAM AddOrganisation**

**IF** user clicks on ‘Create’ button on the ‘Organisation List’ screen **THEN**

Display ‘Organisation Details’ screen;

Call solveActionOrganisationDetails();

**ENDIF**

**END MAINPROGRAM AddOrganisation**

**BEGIN SUBPROGRAM** solveActionOrganisationDetails()

**IF** user clicks on ‘Back’ button **THEN**

Come back to the ‘Organisation List’ screen;

**ENDIF**

**IF** user click tab ‘Details 1’ **THEN**

Nation/Country will list all of Country get from reference data;

**IF** user click “Lookup” of Lead Contact **THEN**

Display all contacts in the system in a pop-up window;

**ENDIF**

**IF** user click “Lookup” of Postcode **THEN**

Display all addresses retrieved from database in a pop-up window;

**ENDIF**

**IF** user click “Lookup” of Type of Business **THEN**

display all SIC Code data that already listed in reference data**;**

**ENDIF**

**IF** user manually enters Postcode value **THEN**

Get all addresses from database;

**IF** postcodevalue not exist **THEN**

Display message ‘Address Details cannot be confirmed - Do you wish to enter Unconfirmed Address Data (Y/N?)’;

**IF** user click ’No’ **THEN**

postcode should be focused again and the previous value should be cleared out;

**ENDIF**

**ENDIF**

**ENDIF**

**IF** user clicks on ‘Expression of Interest’ **THEN**

Display ‘Details 3’ tab and navigated automatically;

In ‘Details 3’ tab, it will list all of active Programmes and Services in the system to link;

**ENDIF**

**ENDIF**

**IF** user click tab ’Details 2’ **THEN**

All of list boxes in this tab get from reference data;

**ENDIF**

**IF** user should click on ‘Save’ button on the screen **THEN**

**IF** Call checkValueInputExist() = 0 **THEN**

**IF** Organisation Name isn’t existed in the system **THEN**

Organisation record will be saved;

Organisation details screen is kept to allow user to add Directorates for this Organisation;

Display message ’Save successfully’;

**ENDIF**

**ENDIF**

**ENDIF**

**IF** user click tab ‘Details 4’ **THEN**

The Government Office Region (GOR) dropdown list will contain all of GOR already link to organisation’s county (input in Details 1 tab). The screen also displays Trust Region and Trust District to allow user to select for organisation;

**IF** user click ‘Create’ button **THEN**

Display ‘Add Supporting Materials’ screen;

Get Name from database to fill ‘Added By’ field;

‘Type’ could be Doc / PDF / Excel;

**IF** user click ‘Save’ button **THEN**

Store data input on fields to database;

**ELSE IF** user click ‘Cancel’ button **THEN**

Back to previous screen;

**ENDIF**

**ENDIF**

**ENDIF**

**IF** user click tab ’BU/Directorates’ **THEN**

**IF** user’s clicking column name **THEN**

Sorting rows follow column selected;

**IF** users selecting ‘All’ or ‘0-9’ or ‘ABCDE’ or ‘FGHIK’, etc. in a row above the list **THEN**

Display all organisations that begin with the selected letter will be shown;

**ELSE IF** user’s checking ‘Include In-active’ checkbox **THEN**

Display records with active and in-active;

**ELSE IF** user selecting an inactive record **THEN**

Display ‘Do you want to make this BU/Directorate active?’;

**ELSE** **IF** user click ‘Create’ button **THEN**

Display ‘Add Directorate’ screen;

**IF** user click “Lookup” of Lead Contact **THEN**

Display all contacts in the system in a pop-up window;

**ELSE** **IF** user click “Lookup” of Postcode **THEN**

Display all addresses retrieved from database in a pop-up window;

**ELSE IF** user click “Lookup” of Type of Business **THEN**

Display all SIC Code data that already listed in reference data**;**

**ELSE IF** user tick on ‘Copy Address from Organisation’ check box **THEN**

All address fields will be populated value from Organisation’s address fields

**ENDIF**

**ENDIF**

**IF** user click ‘In-active’ button **THEN**

Display ’ This Organization is already in use, do you want to make this in-active? (Y, N)’;

**IF** user click ‘Ok’ button **THEN**

Changed status to ‘In-active’;

**ELSE**

it still keeps being ‘Active’;

**ENDIF**

**ENDIF**

**END SUBPROGRAM** solveActionOrganisationDetails()

**BEGIN SUBPROGRAM** checkValueInputExist()

isError = 0;

**IF** ‘Organisation Name’ field isn’t filled **THEN**

Display ‘Please input the organisation name’;

isError = 1;

**ENDIF**

**IF** ‘Organisation Short Description’ field isn’t filled **THEN**

Display ‘Please input the short description’;

isError = 1;

**ENDIF**

**IF** ‘Adress Line 1’ field isn’t filled **THEN**

Display ‘Please input the adress line 1’;

isError = 1;

**ENDIF**

**IF** ‘Postcode’ field isn’t filled **THEN**

Display ‘Please input the postcode’;

isError = 1;

**ENDIF**

**IF** ‘Type Of Business’ field isn’t filled **THEN**

Display ‘Please input the type of business’;

isError = 1;

**ENDIF**

**IF** ‘Phone Number’ field isn’t filled **THEN**

Display ‘Please input the phone number’;

isError = 1;

**ENDIF**

**Return** isError;

**END SUBPROGRAM** checkValueInputExist()

## Services

### 6.3.1 List Service

**BEGIN MAINPROGRAM LISTSERVICE**

**IF** click on ‘Services’ item under Services in the menu **THEN**

Display ‘Service List’ screen ;

Display all active Services by default;

Display 15 records in one page;

**ENDIF**

**IF** user clicks on ‘Include In-active’ checkbox **THEN**

Displayall of active and in-active Services in the list;

**ENDIF**

**IF** User select ‘All’ or ‘0-9’ or ‘ABCDE’ or ‘FGHIK’, etc. in a row above the list **THEN**

Display All Services that begin with the selected;

**ENDIF**

**IF** User click on column name

Call SortServices;// Sort by collumn name

**ENDIF**

**IF** user selecte a Service and then click on ‘Copy’ button **END**

Open ‘Service Details’ screen with all data of the selected Service except Service Name;

//Note that, similar to creating new Service, only three tabs: Details 1, Details 2, and Details 3 are showing in this case.

**ELSE**

**IF** user does not select a Service but clicks on ‘Copy’ button **THEN**

Display message “Please select a Service to copy”;

**ENDIF**

**ENDIF**

**END MAINPROGRAM LISTSERVICE**

### Add Service

**BEGIN MAINPROGRAM ADDSERVICE**

**IF** user clicks on ‘Create’ button on the ‘Service List’ screen **THEN**

‘Service Details’ screen is displayed including three tabs: Details 1, Details 2 and Details 3 to allow user to enter Service fields for new one;

**ENDIF**

**IF** user click on ‘lookup’ **THEN**

Call Constacts; // function This function is to list, add new or edit a Contact person in the system. Contact Maintenance will be represented in a pop-up window and called from an Organisation, Directorate, etc. the details screen that need to fill a person as its contact.

Display all contacts in the system in a pop-up window;

**ENDIF**

**IF** user ticks checkbox ‘Service Extendable’ **THEN**

‘Years’ and ‘Months’ fields enable to user input data;

**ENDIF**

**IF** After Start Date OR End Date OR Extendable month/year  text box has lost focus **THEN**

Check Current Date with input Start Date, End Date + Extendable month/year values.

**IF** Service Start Date <= Current Date <= Service End Date + Extendable Month/Year **THEN**

Service Active be auto ticked;

**ELSE**

Service Active be auto un-ticked;

**ENDIF**

**IF** Start Date has not be entered in the screen (NULL value) **THEN**

Start Date <= Current Date;

**ENDIF**

**IF** End Date has not be entered in the screen (NULL value) **THEN**

End Date >= Current Date;

**ENDIF**

**IF** Extendable Month/Year have not be entered (NULL values) **THEN**

they should be zero when comparing above;

**ENDIF**

**IF** user clicks on ‘Service Time Limited Period’ checkbox **THEN**

‘Years’ and ‘Months’ fields will be enable to user input data;

**ENDIF**

**IF** user select Service Sub Type is Contract

Display ‘Contract’ tab;

Reference data Contract Outcome and Contract Obligation;

Participation dropdown list includes 3 items: “Mandatory”, “Voluntary”, and “Both”;

**ENDIF**

**If** user selects Service Sub Type is Independently Funded **THEN**

Display ‘Funding’ tab;

The format of some monetary fields (including Funding Amount, Funding Needs,Fundraising Needs, and Donor Amount) should be ‘999,999,999.99’;

**IF** user click ‘lookup’ of Funding Contact Details **THEN**

Call Contacts;

Display all contacts in the system in a pop-up window;

**ENDIF**

**IF** user tick on check box ‘Funding Continuation Needed’ **THEN**

‘Funding Continuation Amount’ and ‘Funding Continuation Detail’ fields are anbled. Otherwise, they should be disabled;

**ENDIF**

**EDNIF**

**IF** user click on ‘Save’ button on the screen **THEN**

**IF** the system will validate mandatory fields are already input or not and Service Name is existed in the system **THEN**

Save Service record;

**ENDIF**

**ENDIF**

**END MAINPROGRAM ADDSERVICE**

### Amend Service

**BEGIN MAINPROGRAM AMENDSERVICE**

**IF** user selects an active Service from the list **THEN**

Display the Service Details screen is allowing user to amend;

All fields in Details 1, Details 2, Details 3, Contract, Funding tabs can be editable;

**IF** amends a Service **THEN**

Display three additional tabs;

**IF** user click on ‘Organisations’ tab **THEN**

All active Organisation records in the system will be listed;

**ENDIF**

**IF** user click on ‘edit roles’ link **THEN**

‘Change Roles of Organisaton’ pop-up window will be displayed with 4 roles: Funder, Lead, Delivery and Auditor;

**IF** user select roles and click on ‘OK’ button **THEN**

This pop-up will be closed and selected roles will be populate in the ‘Role’ field;

Each will be separate by comma;

**ENDIF**

**ENDIF**

**IF** user click on ‘Premises’ tab **THEN**

List of all Premises already linked to the Service is displayed;

**IF** user clicks on ‘Associate new Premise’ button **THEN**

a pop-up window is displayed listing all active Premises in the system which have not linked to the Service;

**ENDIF**

**IF** User select a Premise from the list, enter Project Code then click ‘Select’ button **THEN**

The link between selected Premise and Service will be added;

Pop-up window is closed and the Premise list in the tab will be refreshed automatically;

**ENDIF**

**IF** user clicks on ‘Remove’ link on a row **THEN**

the link between Premise and Service will be removed;

**ENDIF**

**ENDIF**

**ENDIF**

**ENDIF**

**END MAINPROGRAM AMENDSERVICE**

### Mark In-active Service

**BEGIN MAINPROGRAM MarkIn-activeService**

**IF** clicking on ‘In-active’ button on the details screen **THEN**

User can mark a Service to in-active;

Displayed the prompt message “Do you want to mark this Service in-active?”;

**IF** user clicks on ‘OK’ button **THEN**

The Service will be changed status to ‘In-active’. Otherwise, it still keeps being ‘Active’;

**ENDIF**

**IF**

**ENDIF**

**ENDIF**

**END MAINPROGRAM MarkIn-activeService**

### Programme

**BEGIN MAINPROGRAM Programme**

**IF** click on ‘Programmes’ item under Services in the menu ‘Programme List’ **THEN**

Displayed ‘Programme List’ screen;

Show all active Programmes by default;

**ENDIF**

**IF** user clicks on ‘Create’ button on the ‘Programme List’ screen **THEN**

‘Programme Details’ screen is displayed to allow user to enter Programme fields for new one;

The interface of this screen should be below:

By default, all of fields should be blank. Programme Name field should be mandatory and unique.

Contact lookup will display all contacts in the system in a pop-up window;

**ENDIF**

**IF** user clicks on ‘Create’ button on the ‘Programme List’ screen **THEN**

‘Programme Details’ screen is displayed to allow user to enter Programme fields for new one;

The interface of this screen should be below:

By default, all of fields should be blank. Programme Name field should be mandatory and unique;

Contact lookup will display all contacts in the system in a pop-up window;

**ENDIF**

**IF** user clicks on ‘Create’ button on the ‘Programme List’ screen **THEN**

‘Programme Details’ screen is displayed to allow user to enter Programme fields for new one;

The interface of this screen should be below:

By default, all of fields should be blank. Programme Name field should be mandatory and unique.

Contact lookup will display all contacts in the system in a pop-up window;

**ENDIF**

**IF** user click on ‘Save’ button on the screen **THEN**

IF The system will validate mandatory field are already input or not and check if Programme Name is existed in the system **THEN**

Programme record will be saved;

**ENDIF**

**ENDIF**

**END MAINPROGRAM Programme**

## Geography

### 6.4.1 Trust Region Maintenance

#### **BEGIN MAINPROGRAM** **ListTrustRegions**

**IF** click on ‘Trust Region/Trust District’ **Then**

Display ‘Trust Region List’ screen;

**ENDIF**

**IF** click on ‘an inactive record’ **Then**

Show message be “Do you want to make this Trust Region active?”;

**ENDIF**

#### **END MAINPROGRAM ListTrustRegions**

#### **BEGIN MAINPROGRAM** **AddTrustRegion**

Display entry fields the screen of adding a Trust Region;

In Nation/Country, user must select one from a dropdown list;

In ‘Trust Region Name’,user must fill in form and not be identical;

#### **END MAINPROGRAM AddTrustRegion**

#### **BEGIN MAINPROGRAM AmendTrustRegion**

In ‘Details’ tab, All fields can be editable;

In the ‘Trust Region’ details screen, there must be ‘Trust Districts’ tab;

#### **END MAINPROGRAM** **AmendTrustRegion**

#### **BEGIN MAINPROGRAM** **MarkIn-activeTrustRegion**

**IF** click on ‘In-active’ button on amend Trust Region screen **THEN**

a Trust Region has been changed to ‘In-active’ and all Trust Districts/Trust Areas belonging to that Trust Region still keep their status;

**ENDIF**

#### **END MAINPROGRAM** **MarkIn-activeTrustRegion**

### Trust District Maintenance

#### **BEGIN MAINPROGRAM** **ListTrustDistricts**

Display ‘Trust Region details’ screen;

**IF** selecting an inactive record **THEN**

Show message “Do you want to make this Trust District active?”;

**ENDIF**

#### **END MAINPROGRAM ListTrustDistricts**

#### **BEGIN MAINPROGRAM** **AddTrustDistrict**

Display entry fields the screen of adding a ‘Trust District Details’;

In which, Trust Region Name is read-only and shows the Trust Region that the District belongs to;

In ‘Trust District Name,user must fill in form and not be identical;

#### **END MAINPROGRAM AddTrustDistrict**

#### **BEGIN MAINPROGRAM** **AmendTrustDistrict**

Display entry fields the screen of adding a ‘Trust District Details’;

In which, User can change Trust District Name and Description;

#### **END MAINPROGRAM AmendTrustDistrict**

#### **BEGIN MAINPROGRAM** **MarkIn-activeTrustDistrict**

**IF** click on ‘In-active’ button on amend Trust District screen **THEN**

a Trust District has been changed to ‘In-active’ and all Trust Areas belonging to that Trust Region still keep their status;

**ENDIF**

#### **END MAINPROGRAM MarkIn-activeTrustDistrict**

### Government Office Region

#### **BEGIN MAINPROGRAM** **ListGovernmentOfficeRegion**

**IF** click on ‘Trust Region/Trust District’ **THEN**

Display ‘Government Office Region List’ screen;

**ENDIF**

#### **END MAINPROGRAM ListGovernmentOfficeRegion**

#### **BEGIN MAINPROGRAM** **View Government Office Region**

Display ‘Government Office Region Details’ screen;

**IF** click on ‘Back’ **THEN**

User can come back to the list screen;

**ENDIF**

#### **END MAINPROGRAM View Government Office Region**

## Premises

### 6.5.1 List Premises

**BEGIN MAINPROGRAM home**

**Display** Service Directory home page;

**IF** User click “Premises” from the menu **THEN**

Display ‘Premise List’ screen; //call premise list

**ENDIF**

**END MAINPROGRAM home**

**BEGIN MAINPROGRAM ListPremises**

**IF** (Location Type = Shop & Current Date – Shop Flag Date < = 60 days) **THEN**

**Display** a flag “!NEW” next to Location Name field;

**ENDIF**

**IF** user clicks on ‘Include In-active’ checkbox **THEN**

**Display** all of active and in-active Premises in the list;

**ENDIF**

**IF** user clicks ‘All’ or ‘0-9’ or ‘ABCDE’ or ‘FGHIJ’, etc. in a row above the list THEN

**Display** All Premises that begin with the selected letter;

**ENDIF**

**IF** user selects an in-active Premise in the list to view **THEN**

**Display** a message ‘Do you want to make this Premise active’ with 2 buttons: OK and Cancel ;

**IF** clicking on ‘OK’ button **THEN**

Display ‘Premise Details’ screen & change status of Premise from Inactive to Active;

**ELSE** **IF** clicking on ‘Cancel’ button **THEN**

**Display** ‘Premise List’ screen & and status of selected Premise is still inactive;

**ENDIF**

**END MAINPROGRAM ListPremises**

### Add Premise

**BEGIN MAINPROGRAM AddPremise**

**IF** user clicks on ‘Create’ button on the ‘Service List’ screen **THEN**

Display ‘Service Details’ screen including three tabs Details 1, Details 2 and Details 3;

**IF** user click tab Details 1 **THEN**

**IF** user clicks ‘Location Opening Times’ link **THEN**

Display ‘Location Open Days’ popup and allow uer select day and open time;

**ENDIF**

**IF** user selects Location Type = Shop **THEN**

‘Is New Shop’, ‘Shop Flag Date’ and ‘Specialist Shop’ fields are enable;

**IF** Current Date – Shop Flag Date < = 60 days **THEN**

checkbox ‘Is New Shop’ is ticked;

**ENDIF**

**ENDIF**

**IF** user selects Location Type to Venue or Hotel **THEN**

**Display** ‘Details 4’ tab;

**ENDIF**

**ENDIF**

**IF** user click tab Details 2 **THEN**

All check boxes should be un-ticked;

**Get** data from reference data to fill ‘Accreditations’&’Catering Type’ &

‘Local Demographic Issues’ field;

**IF** ‘Media Contact’ is ticked **THEN**

‘Media Contact Name’ field is enabled;

**ENDIF**

**IF** ‘Catering Facilities’ is ticked **THEN**

‘Catering Contact’ and ‘Catering Type’ fields are enabled;

**ENDIF**

**IF** ‘Client IT Facilities’ is ticked **THEN**

‘Client IT Facilities Details’ field is enabled;

**ENDIF**

**ENDIF**

**IF** user click tab Details 3 **THEN**

**Display** Outreach Location list all active Premises having Location Type = ‘Outreach Location’;

**Display** Local Hotel list all active Premises having Location Type = ‘Hotel’;

**IF** ‘Host Visits’ is ticked **THEN**

‘Hosting Contact’ field is enabled;

**ENDIF**

**IF** ‘Visitor Parking Onsite’ is ticked **THEN**

‘Visitor Parking Spaces’ field is enabled;

‘Visitor Parking Alternative’ field is disabled;

**ENDIF**

**IF** ‘Visitor Parking Onsite’ is unticked **THEN**

‘Visitor Parking Alternative’ field is enabled;

‘Visitor Parking Spaces’ field is disabled;

**ENDIF**

**ENDIF**

**IF** user click ‘Save’ button **THEN**

Store data input on fields to database;

**ELSE** **IF** user click ‘Cancel’ button **THEN**

Back to previous screen;

**ENDIF**

**ENDIF**

**END MAINPROGRAM AddPremise**

### Amend Premise

**BEGIN MAINPROGRAM AmendPremise**

**IF** userselect an active Premise from the list **THEN**

**Display** Premise Details screen and allow user to amend;

**IF** user click tab Details 2 THEN

**Display** navigate to Volunteering tab automatically;

**ENDIF**

**IF** user click ‘Save’ button **THEN**

All changes are saved into database;

**ENDIF**

**ENDIF**

**END MAINPROGRAM AmendPremise**

### Mark In-active Premise

**BEGIN MAINPROGRAM MarkIn-antivePremise**

**IF** user click on ‘In-active’ button on the details screen THEN

**Display ‘**‘Do you want to make this Premise in-active?’;

**IF** user clicks on ‘OK’ button **THEN**

the Premise will be changed status to ‘In-active’;

**ELSE** the Premise still keeps being ‘Active’;

**ENDIF**

**ENDIF**

**END MAINPROGRAM MarkIn-antivePremise**