1.DashBoard

-Method()

DashBoardController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DashBoard() | | | | |
| **Purpose**: return dashboard data about accident, transfer employees … | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

2.Total Employees

-Method ()

EmployeeController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportExcelToListEmployee() | | | | |
| **Purpose**: export a excel file about job’s employees quantity at department | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ListALLEmployee() | | | | |
| **Purpose**: return data list about about job’s employees quantity at department | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getDataTongNhanSu() | | | | |
| **Purpose**: return json about job’s employees quantity at department | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

3.Employee Management

-Method()

EmployeeController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: viewInfor(string) | | | | |
| **Purpose**: return data for particular employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | maNV | String | In | Id of employee |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: loadEdit(string) | | | | |
| **Purpose**: return data of Employees that display it in edit action | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: saveEdit() | | | | |
| **Purpose**: save information’s employee that is edited | | | | |
| **No** | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: search(string,string,string) | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | ID | String | In | Id’s employee |
| 1 | Name | String | In | Name’s employee |
| 2 | Gender | String | In | Gender’s employee |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: workHistory() | | | | |
| **Purpose**: get data about history of employee at company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: TLHD(string, string, string, string, string, string, string) | | | | |
| **Purpose**: end contract of employee and edit database , ex: reason | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | ID | String | In |  |
| 1 | soQD | String | In | Decide number is paper that direct of broad need to decide it |
| 2 | Lydo | String | In | Reason that employee is ended by company |
| 3 | dateTLHD | String | In | Day contract termination |
| 4 | Group1 | String | In | Type termination |
| 5 | Group2 | String | In | Type termination |
| 6 | elseCase | string | in | Other Type Termination that is not define |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteFamily(string, string) | | | | |
| **Purpose**: delete information employee about family relationship | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Id | String | In |  |
| 1 | maQH | String | In | ID Family of employee |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteWork(string,string) | | | | |
| **Purpose**: delete information employee about work relationship | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Id | String | In |  |
| 1 | maCT | String | In | ID where employee works at the company |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: returnExcel() | | | | |
| **Purpose**: give client a excel file about this screen | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: search() | | | | |
| **Purpose**: find information to display at table | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

WorkHistoryController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: workHistory(string) | | | | |
| **Purpose**: send data to view for displaying | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Id | String | in |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: workHistoryOfEmployee() | | | | |
| **Purpose**: get history data of employee with ID | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getDataHistoryWork() | | | | |
| **Purpose**: get history data of employee with ID | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

RecruitmentController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Add(string, string, string) | | | | |
| **Purpose**: add information ‘s employee for recruitment | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Name | String | In |  |
| 1 | soQD | String | In | Number confirm |
| 2 | ngayQD | DaateTime | In | Day for starting recruitment |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: checkQD(string) | | | | |
| **Purpose**: check number confirm validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | soQD | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: checkDate(DateTime) | | | | |
| **Purpose**: check date validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Date | DateTime | in |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: checkSalary(string) | | | | |
| **Purpose**: check salary number validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Salarylevel | Double | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getPhongBan(string) | | | | |
| **Purpose**: get Name of department with id of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Id | String | In |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: convertSalary(string) | | | | |
| **Purpose**: covert salary number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Salary | Double | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getMaDonVi(string) | | | | |
| **Purpose**: return id of department | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 0 | Id | String | in |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getMaChuyenNganh(string) | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getMaTrinhDo(string) | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getMaCongviec(ThangLuong, string) | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: convertDate(string) | | | | |
| **Purpose**: convert Date | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: convertDOB(string) | | | | |
| **Purpose**: convert date of birthday | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getExcel() | | | | |
| **Purpose**: export a excel file that contain employee list at recruitment screen | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

4.Contract Termination

-Method()

ShutDownController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Did() | | | | |
| **Purpose**: return view that display employees who have decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DidList(string,string,string) | | | | |
| **Purpose**: get data list that display employees who have decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | decideDate | DateTime | **in** |  |
| 2 | decideNumber | String | **In** |  |
| 3 | endDate | DateTime | **In** |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DisListDetail(string) | | | | |
| **Purpose**: get particular employee who have decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | **Id** | **String** | **in** |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DidDetailDel(string) | | | | |
| **Purpose**: remove employee who have decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | **Id** | **String** | **In** |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: NotYetDelete(string) | | | | |
| **Purpose**: remove employee who have no decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | **Id** | **String** | **in** |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: NotYet() | | | | |
| **Purpose**: return view that display employees who have no decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: NotYetList(string,string,string) | | | | |
| **Purpose**: get data list that display employees who have no decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | decideDate | DateTime | in |  |
| 2 | decideNumber | String | In |  |
| 3 | endDate | DateTime | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: NotYetDetail(string) | | | | |
| **Purpose**: get particular employee who have no decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | in |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: UpdateSoQD(string,string) | | | | |
| **Purpose**: update decide number employee who have no decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateID(string) | | | | |
| **Purpose**: check format of ID of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |

5.Direct Management

-Method

TransferController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Select() | | | | |
| **Purpose**: display data list that is need to transfer employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Did() | | | | |
| **Purpose**: return view to display transfer history | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: NotYet() | | | | |
| **Purpose**: return view to display employee list that is waiting to transfer | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: GetData(string,string,string,string) | | | | |
| **Purpose**: take employee who is selected in transferring | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | in |  |
| 2 | Name | String | in |  |
| 3 | maPhongBan | String | in | Id of department that employee is in company |
| 4 | maChucVu | String | In | Name of work that employee is in company |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Step2() | | | | |
| **Purpose**: display data for step 2 in proceeding transfer | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getPhuCapAndThangLuong() | | | | |
| **Purpose**: get data about salary , allowance | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Step3() | | | | |
| **Purpose**: get data about employee who have salary and allowance to confirm final step | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportReport() | | | | |
| **Purpose**: export file to ask direct of board about decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateToDB() | | | | |
| **Purpose**: update employees to transfer table in database | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: checkDuplicateSQD() | | | | |
| **Purpose**: check duplicate of decide number | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DieuDongDaXuLy(string,string,string) | | | | |
| **Purpose**: search transformation employees by id , decide number , or decide date | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |
| 2 | decideNumber | String | In |  |
| 3 | decideDate | DateTime | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: detailQD(string) | | | | |
| **Purpose**: get data for display particular employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | decideCode | String | In | Proceeding employee transformation create a decide number |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: XoaDieuDongDaXuLy() | | | | |
| **Purpose**: remove transformation decide of employee that make employee can work | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DieuDongChuaXuLy(string,string) | | | | |
| **Purpose**: search transformation employee that is waited by handling | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | id | String | In |  |
| 2 | Date | DateTime | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: XoaDieuDongChuaXuLy() | | | | |
| **Purpose**: remove transformation decide of employee that make employee can work | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: CapNhatDieuDong() | | | | |
| **Purpose**: update decide number for employees who waits to have transformation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ExportReportAfterAdded(string) | | | | |
| **Purpose**: export excel file by decide code | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | maQD | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: WriteReport() | | | | |
| **Purpose**: export excel file that contains all transformation employees | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

6.Profile Management

-Method

BriefController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Inside() | | | | |
| **Purpose**: return view inside profile | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getAllNhanVien() | | | | |
| **Purpose**: get employee list | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: suaGiayTo(GiayTo) | | | | |
| **Purpose**: edit ‘GiayTo’ | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Gt | GiayTo | In | Object GiayTo that is updated to database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: themGiayTo(GiayTo) | | | | |
| **Purpose**: add ‘GiayTo’ | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateID(string) | | | | |
| **Purpose**: check id validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteDoc(int) | | | | |
| **Purpose**: remove ‘GiayTo’ by ID in database | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | Int | In | Id of GiayTo |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: search(string,string,string,string) | | | | |
| **Purpose**: search ‘GiayTo’ list in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |
| 2 | Name | String | In |  |
| 3 | NamePaper | String | In |  |
| 4 | typePaper | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: checkEM(string) | | | | |
| **Purpose**: check id validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listAllHoSO() | | | | |
| **Purpose**: get data about inside profile in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listHoSo(string) | | | | |
| **Purpose**: get data list that contains particular information of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | **Id** | **string** |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ListNhanVien() | | | | |
| **Purpose**: get data about employees information in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listLichSuBoSung() | | | | |
| **Purpose**: get data about additional history of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listGiayTo() | | | | |
| **Purpose**: get data list about papers of employees | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: chiTietBangCap() | | | | |
| **Purpose**: get detail data about diploma of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: quanHeGiaDinh() | | | | |
| **Purpose**: get data about family relationship of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editHoSo() | | | | |
| **Purpose**: get data about edit profile of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editChiTietBangCap(string) | | | | |
| **Purpose**: return data about editing detail diploma to view | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of diploma |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editQuanHeGiaDinh(string) | | | | |
| **Purpose**: : return data about editing family relationship to view | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editLichSuBoSung() | | | | |
| **Purpose**: return data about editing additional history to view | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: searchListAllBrief(string,string) | | | | |
| **Purpose**: search employees by id,name | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |
| 2 | Name | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: outSide() | | | | |
| **Purpose**: return view outside profile in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: outsideDetail() | | | | |
| **Purpose**: get detail data of employee in outside profile | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: thongTinUyQuyen() | | | | |
| **Purpose**: get data about delegacy of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: thongTinCoBanHSNgoai() | | | | |
| **Purpose**: get data about basic of information of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateThongTinCoBan() | | | | |
| **Purpose**: update basic of information of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateLoaiChamDut() | | | | |
| **Purpose**: update termination type | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: isValidateTime(string) | | | | |
| **Purpose**: check validate time | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | **Date** | **DateTime** | **In** |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateUyQuyen(string) | | | | |
| **Purpose**: update delegacy of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | jsonList | String | In | Object json that contains name, phone, address of family of employee |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: thongTinGiayTo() | | | | |
| **Purpose**: get data about information’s paper | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateGiayTo() | | | | |
| **Purpose**: update data about information’s paper | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: insertGiayTo() | | | | |
| **Purpose**: insert ‘GiayTo’ of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: searchOutSide() | | | | |
| **Purpose**: search name, id , or termination type of employees in list table | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportExcel() | | | | |
| **Purpose**: export an excel file about outside profile in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listChungChi() | | | | |
| **Purpose**: get data list about all certification in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportToExcel() | | | | |
| **Purpose**: export an excel file about inside profile in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: convertDate(string) | | | | |
| **Purpose**: convert string to DateTime | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | **Date** | **String** | **In** |  |

BriefRegulationController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Regulation() | | | | |
| **Purpose**: return view that display regulation in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: list() | | | | |
| **Purpose**: get data list about regulation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listTruong() | | | | |
| **Purpose**: get data list about name of school and id of school | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listTrinhDo() | | | | |
| **Purpose**: get data list about name of degree and id of degree | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listNganh() | | | | |
| **Purpose**: get data list about name of major and id of major | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteChuyenNganh(string) | | | | |
| **Purpose**: remove narrow major in database with id’s narrow major | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | id of narrow major |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteNganh(string) | | | | |
| **Purpose**: remove major in database with id’s major | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of major |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteTruong(string) | | | | |
| **Purpose**: remove school in database with id’s school | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of school |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteTrinhDo(string) | | | | |
| **Purpose**: remove degree in database with id’s degree | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of degree |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: themChuyenNganh() | | | | |
| **Purpose**: add narrow major of employee in outside profile | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: suaChuyenNganh(ChuyenNganh) | | | | |
| **Purpose**: edit narrow major of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Cn | ChuyenNganh | In | A record of ChuyenNganh in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: suaTruong(Truong) | | | | |
| **Purpose**: edit school of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | T | Truong | In | A record of Truong in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: suaNganh(Nganh) | | | | |
| **Purpose**: edit major of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | N | Nganh | In | A record of Nganh in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: suaTrinhDo(TrinhDo) | | | | |
| **Purpose**: edit degree of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Td | TrinhDo | In | A record of TrinhDo in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: themNganh(Nganh) | | | | |
| **Purpose**: add major of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: themTruong(Truong) | | | | |
| **Purpose**: add school of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: themTrinhDo(Truong) | | | | |
| **Purpose**: add degree of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

7.Certificate  
-Method

CertificateController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: list() | | | | |
| **Purpose**: get data list about certificate of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listEmployeeCertificate() | | | | |
| **Purpose**: get data list about certificate of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: AddCertificate(ChungChi) | | | | |
| **Purpose**: add certification of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Cc | ChungChi | In | This is certification of company |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: AddCertificateEmployee(ChungChi) | | | | |
| **Purpose**: add certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getListInforEmployee() | | | | |
| **Purpose**: get data list about employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: addCertificate() | | | | |
| **Purpose**: send certificate data to return view | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateID(string) | | | | |
| **Purpose**: check id of validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateExistCertificateOfEmp(string, int) | | | | |
| **Purpose**: check certification of exist of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | idNV | String | In |  |
| 2 | Id | Int | In | Id of certification of employee |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateNameCertificate(string) | | | | |
| **Purpose**: check certification name validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Name | String | In | Name of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getNameEmployee(string) | | | | |
| **Purpose**: get name of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Name | String | In | Name of employee |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: AddCertificateEmployee(ChungChi\_NhanVien) | | | | |
| **Purpose**: add certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: EditCertificate() | | | | |
| **Purpose**: edit certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getListTypeCertificate() | | | | |
| **Purpose**: get data list about certification type | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editCertificateEmp(string) | | | | |
| **Purpose**: edit certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editCertificate(ChungChi) | | | | |
| **Purpose**: edit certification of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Cc | ChungChi | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editCertificateEmp(ChungChi\_NhanVien) | | | | |
| **Purpose**: edit certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Cn | ChungChi\_NhanVien | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteCetificate() | | | | |
| **Purpose**: remove certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteCertificateEmp(string) | | | | |
| **Purpose**: remove certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: searchCertificate(string) | | | | |
| **Purpose**: get data certification of company by id | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: searchCertificateByNV(string) | | | | |
| **Purpose**: get data certification by id of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportToExcel() | | | | |
| **Purpose**: export a excel file about certification of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ExportToExcelCertificateEmp() | | | | |
| **Purpose**: export a excel file about certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

8. Diploma

-Method

DiplomaController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: List() | | | | |
| **Purpose**: get data list about diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DiplomaEmployeeList() | | | | |
| **Purpose**: : get data list about diploma of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: AddDiploma(BangCap\_GiayChungNhan) | | | | |
| **Purpose**: add diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Bcgcn | BangCap\_GiayChungNhan | In | A record that add ‘BangCap\_GiayChungNhan’ table in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: AddDiplomaEmployee(ChiTiet\_BangCap\_GiayChungNhan) | | | | |
| **Purpose**: add diploma of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Ctbcgcn | ChiTiet\_BangCap\_GiayChungNhan | In | A record that add ‘ChiTiet\_BangCap\_GiayChungNhan’ table in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editDiploma() | | | | |
| **Purpose**: get data that display information for editing diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editDiploma(BangCap\_GiayChungNhan) | | | | |
| **Purpose**: edit diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Bcgcn | BangCap\_GiayChungNhan | In | A record that add ‘BangCap\_GiayChungNhan’ table in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getDateSelectDiploma() | | | | |
| **Purpose**:get data for dropdown list that contains diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteDiploma() | | | | |
| **Purpose**: remove diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteDiplomaEmployee() | | | | |
| **Purpose**: remove diploma of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getDataSelectDiplomaEmployee() | | | | |
| **Purpose**: get data for dropdown list that contains diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editDiplomasEmployee() | | | | |
| **Purpose**: get data that display information for editing diploma of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: editDiplomasEmployee (ChiTiet\_BangCap\_GiayChungNhan) | | | | |
| **Purpose**: edit diploma of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Ctbcgcn | ChiTiet\_BangCap\_GiayChungNhan | In | A record that add ‘ChiTiet\_BangCap\_GiayChungNhan’ table in database |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: searchDiploma(string) | | | | |
| **Purpose**: search diploma of company by id | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of diploma |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: searchDiplomaEmployee(string) | | | | |
| **Purpose**: search diploma of employee by id | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of diploma |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateIDDiploma(string) | | | | |
| **Purpose**: check id of diploma of validation | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of diploma |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getName(string) | | | | |
| **Purpose**: get name of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateExistDiplomaOfEmp(string, int) | | | | |
| **Purpose**: check diploma of employee that is exist or not | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | idNV | String | In |  |
| 2 | Id | Int | In | Id of diploma |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: validateNameDuplicateDiploma(string) | | | | |
| **Purpose**: check diploma of employee that is duplicate or not | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Name | String | In | Name of diploma |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportToExcelDiploma() | | | | |
| **Purpose**: export an excel file about diploma of company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportToExcelDiplomaEmployee() | | | | |
| **Purpose**: export an excel file about diploma of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

9.Task

-Method

TaskController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: searchEmployee(string) | | | | |
| **Purpose**: search employee by id of employee , name of factory | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | jsonObject | string |  | This is json object that contains id of employee and name of factory |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ViewJobByPX() | | | | |
| **Purpose**: return view to display employee information for assigning work | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DangKiNhiemVu() | | | | |
| **Purpose**: return view to display employee information at factory for assigning task | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: AssignTask(List<string>,List<string>) | | | | |
| **Purpose**: assign task to employees | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Task | List<string> | In | registration tasks |
| 2 | removeTask | List<string> | In | Removing tasks |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ViewChungChiNhanVien() | | | | |
| **Purpose**:return view to display certification of employee by id | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getAllChungChiOfNV() | | | | |
| **Purpose**: return view to display certification of employees | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getAllNhanVienByPX() | | | | |
| **Purpose**: :get data list about information of employee at factory | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: checkTinhTrangChungChi(string, int) | | | | |
| **Purpose**: check status of certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Id | String | In | Id of employee |
| 2 | Id | Int | In | Id of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: reportJob() | | | | |
| **Purpose**: get data about status of certification that is appropriate work | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getGiaHanPopupInfo(string, int) | | | | |
| **Purpose**: get data about employee and certification to display on popup that extend time of certification | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Manv | String | In |  |
| 2 | Id | String | In | Id of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getThemMoiPopUpInfo(string, int) | | | | |
| **Purpose**: get data about employee and certification to display on popup that add new certification of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Manv | String | In |  |
| 2 | Id | String | In | Id of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: xacNhanGiaHan(string) | | | | |
| **Purpose**: confirm time extension of certification that can be inserted to database or not | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | jsonObject | String | In | This is json that contains id of employee, id of certification, create date of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: xacNhanThemMoi(string) | | | | |
| **Purpose**: confirm new certification that can be inserted to database or not | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | jsonObject | String | In | This is json that contains id of employee, id of certification, create date of certification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportExcel() | | | | |
| **Purpose**: export an excel file that display work assignment | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportExcelInPX() | | | | |
| **Purpose**: export an excel file that display task assignment | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

10.Salary and labor productivity

-Method

ReportController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Monthly() | | | | |
| **Purpose**: return view to display salary and labor productivity of employee in month | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DepartmentMonthly() | | | | |
| **Purpose**: return view to display salary and labor productivity of department in month | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DailySearch(string,string) | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: DailyAll(string) | | | | |
| **Purpose**: return view to display salary and labor productivity of department and employee in day | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Date | String | In | This is day that display report in day |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ReturnExcel\_day(string) | | | | |
| **Purpose**: export an excel file about salary and labor productivity of department and employee in day | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: MonthlyAll (string, string) | | | | |
| **Purpose**: get data to display salary and labor productivity of department and employee in month | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ReturnExcel\_Month(string, string) | | | | |
| **Purpose**: export an excel file about salary and labor productivity of department and employee in month | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

11.Recruitment-End Report

-Method

RecuitmentAndEndController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: RecruitmentAndEnd() | | | | |
| **Purpose**: return view to display all department that have contract termination of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getAll () | | | | |
| **Purpose**: get data list about all department that have contract termination of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: exportExcel() | | | | |
| **Purpose**: export an excel file about all department that have contract termination of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: end (string, string) | | | | |
| **Purpose**: return view to display all department that have contract termination of employee | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

12. Department Management

-Method

GroupOccupationnController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: view () | | | | |
| **Purpose**: return view to display occupation group | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: list() | | | | |
| **Purpose**: get data list about occupation group in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getData\_From\_DienCongViec () | | | | |
| **Purpose**: get data list about occupation side in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: add() | | | | |
| **Purpose**: add data to occupation group in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getData () | | | | |
| **Purpose**: get data list about occupation group in company by occupation group code | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: update () | | | | |
| **Purpose**: update data to occupation group in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: delete () | | | | |
| **Purpose**: delete data to occupation group in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: check\_Exist\_Data (int) | | | | |
| **Purpose**: check exist of occupation group | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Codegroup | Int | In | Occupation group code |

Occupation\_GroupOccupationController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getData\_CongViec () | | | | |
| **Purpose**: get data from name’s occupation in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: list () | | | | |
| **Purpose**: get data list about occupation and occupation group in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: add() | | | | |
| **Purpose**: add data to occupation and occupation group in company | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getDataBy\_MaCongViec\_NhomCongViec () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: update () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: delete() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

OccupationController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: list () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: add () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getData\_ThangLuong () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getData () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: update() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: delete() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: check\_exist\_data () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

SideOccupationController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: listSideOccupation() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: add () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getData () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: update() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: delete () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

13. Controller Department

PhanXuongController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: ChonBaoCao() | | | | |
| **Purpose**: return view to display report at factory | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: HangNgayKT () | | | | |
| **Purpose**: get data list to display entering report to controller department | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateLenDK () | | | | |
| **Purpose**: get data that is sent to controller department | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: deleteFile () | | | | |
| **Purpose**: delete report file | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Download (string, string) | | | | |
| **Purpose**: download file to local | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |
| 1 | Location | String | In | File is saved at the location |
| 2 | nameFile | String | In | Name of file is saved |

PXKTController

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Detail() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: Add() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: NSLD() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: getDataNSLD() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateNSLD () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: takeAttendance () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: updateAttendance () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: registerEmployee () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: loadEmployee () | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**: filterEmployee() | | | | |
| **Purpose**: | | | | |
| No | **Parameter** | **Type** | **In/Out** | **Description** |