DDEP - API Requirement

Revision History

Date	Version	Author	Change
27 May 2022	1.0	Godmark Chan	First draft of API Requirement

Name	Description
Path : /project/add	a API for add Project
Requirement	Project will be have 8 columns Project Code , Project Name , Project Description , Sequence , Group (phase 3) , isActive , createdAt , updatedAt should be create a project table in the database to save this information

Name	Description
Path : /project/update/<unique id>	a API for edit Project
Requirement	Project will be update 7 columns Project Name , Project Description , Sequence , Group (phase 3) , isActive , createdAt , updatedAt Remarks : Project Code can not be modify

Name	Description
Path : /project/item/save Path : /project/item/update/<unique id>	two of API for Add / Update Exchange Items
Requirement	the Layout will be revised to 2 Level , so must be add Project Code to link up the relationship. Requirement 1: request to rename all API "save" to "add" , just like "/project/item/add" Requirement 2: the add & update must add "Project Code" to make relationship of each item in which Project

Name	Description
Path : /project/item/detail/<unique id>	a API for Exchange Item Detail
Requirement	follow below JSON

| Example Json | ```json
{
    "data":
        {
            "item_ID": "62592d715c4b8a9d970b56ac",
            "pj_ID": "62592d4a5c4b8a9d970b56aa",
            "projectCode": "RAB Care Label Portal",
            "projectName": "Boden",
            "companyName": "RAB Care Label Portal",
            "isActive": "1",
            "createdAt": "2022-04-15T08:31:06.196Z",
            "updatedAt": "2022-05-19T06:42:06.239Z",
            "__v": 0,
                "inbound_setting": {
                    "_id": "62592d715c4b8a9d970b56ac",
                    "pj_id": "62592d4a5c4b8a9d970b56aa",
                    "inbound_format": "xml",
                    "sync_type": "FTP",
                    "ftp_server_link": "ftp.1-label.com",
                    "port": "21",
                    "login_name": "llabeledi",
                    "password": "LD88355",
                    "folder": "/Home/Predeploy site/RAB Care Label Portal",
                    "is_password_encrypted": "yes",
                    "is_active": "Active",
                    "createdAt": "2022-04-15T08:31:45.325Z",
                    "updatedAt": "2022-05-19T06:44:46.838Z",
                    "__v": 0,
                    "api_ddep_api": "",
                    "api_type": "User_API",
                    "api_user_api": "",
                    "ftp_backup_folder": "",
                    "ftp_folder": "/Home/Predeploy site/RAB Care Label Portal",
                    "ftp_login_name": "llabeledi",
                    "ftp_password": "LD88355",
                    "ftp_port": "21",
                    "updateBy": "Divyesh"
                },
                "outbound_setting": {
                    "_id": "626a37d9b1ca027fb56f2ba3",
                    "pj_id": "62592d4a5c4b8a9d970b56aa",
                    "outbound_format": "json",
                    "sync_type_out": "API",
                    "api_url": "https://portalpredeployadmin.1-label.com/API/TUUEdi/TuuImportApi.aspx",
                    "is_active": "Active",
                    "createdAt": "2022-04-28T06:44:41.317Z",
                    "updatedAt": "2022-05-06T04:19:00.567Z",
                    "__v": 0
                },
                "schedule_setting": {
                    "_id": "626a37dcb1ca027fb56f2ba7",
                    "pj_id": "62592d4a5c4b8a9d970b56aa",
                    "Schedule_configure_inbound": "schedule",
                    "schedule_type_inbound": "Recurring",
                    "Schedule_configure_outbound": "schedule",
                    "schedule_type_outbound": "Recurring",
                    "occurs_inbound": "daily",
                    "occurs_outbound": "daily",
                    "day_frequency_inbound_count": "1",
                    "day_frequency_outbound_count": "1",
                    "weekly_frequency_inbound_count": "1",
                    "weekly_frequency_outbound_count": "1",
                    "monthly_frequency_day_inbound": "1",
                    "monthly_frequency_day_inbound_count": "1",
                    "monthly_frequency_the_inbound_count": "1",
                    "monthly_frequency_day_outbound": "1",
                    "monthly_frequency_day_outbound_count": "1",
                    "monthly_frequency_the_outbound_count": "1",
                    "daily_frequency_type_inbound": "Occurs Once At",
                    "daily_frequency_type_outbound": "Occurs Once At",
                    "daily_frequency_once_time_inbound": "",
                    "daily_frequency_every_time_unit_inbound": "hour",
                    "daily_frequency_every_time_count_inbound": "1",
                    "daily_frequency_every_time_count_start_inbound": "",
                    "daily_frequency_every_time_count_end_inbound": "",
                    "daily_frequency_every_time_count_start_outbound": "",
                    "daily_frequency_every_time_count_end_outbound": "",
                    "daily_frequency_once_time_outbound": "",
                    "daily_frequency_every_time_unit_outbound": "hour",
                    "daily_frequency_every_time_count_outbound": "1",
                    "occurs_weekly_fields_inbound": [
                        ""
                    ],
                    "monthly_field_setting_inbound": [
                        ""
                    ],
                    "recurs_count_outbound": "",
                    "recurs_time_outbound": "",
                    "occurs_weekly_fields_outbound": [
                        ""
                    ],
                    "monthly_field_setting_outbound": [
                        ""
                    ],
                    "next_date_inbound": "Thu Apr 28 2022 08:00:00 GMT+0800 ()",
                    "next_date_outbound": "Invalid Date",
                    "duration_inbound_start_date": "2022-04-28",
                    "duration_inbound_is_end_date": "no_end_date",
                    "duration_inbound_end_date": "",
                    "duration_outbound_start_date": "",
                    "duration_outbound_is_end_date": "no_end_date",
                    "duration_outbound_end_date": "",
                    "createdAt": "2022-04-28T06:44:44.313Z",
                    "updatedAt": "2022-04-28T06:44:44.313Z",
                    "__v": 0
                },
                "inbound_history": [],
                "outbound_history": []
        }
}
``` |

Name	Description
Path : /project/detail/<unique id>	a API for Project Detail Content
Requirement	

Group	Column Name	Description	Example Value
data	pj_ID	the Unique ID of Project	62592d4a5c4b8a9d970b56aa
	projectCode	the Project Code	iRMS-External-Exchange
	projectName	the Project Name	i-RMS External Exchange Data
	projectDescr	the Project Description	all External Parties requested integrate data will be added in here
	group	Phase 3	
	isActive	the Project Active/Inactive Status (1|0)	1
	createdAt	the project created timeslot	2022-04-15T08:31:06.196Z
	updatedAt	the project updated timeslot	2022-05-19T06:42:06.239Z

Remarks : the list will order by Project Sequence ASC

| Example Json | ```json
{
    "data": {
            "pj_ID": "62592d4a5c4b8a9d970b56aa",
            "projectCode": "iRMS-External-Exchange",
            "projectName": "i-RMS External Exchange Data",
            "projectDescr": "all External Parties requested integrate data will be added in here",
            "group":"",
            "isActive": "1",
            "createdAt": "2022-04-15T08:31:06.196Z",
            "updatedAt": "2022-05-19T06:42:06.239Z"
        }
}
``` |

Name	Description
Path : /project/list	a API for listing of all exchange project without Exchange items
Requirement	(table below)

Group	Column Name	Description	Example Value
data	pj_ID	the Unique ID of Project	62592d4a5c4b8a9d970b56aa
	projectCode	the Project Code	iRMS-External-Exchange
	projectName	the Project Name	i-RMS External Exchange Data
	projectDescr	the Project Description	all External Parties requested integrate data will be added in here
	group	Phase 3	
	isActive	the Project Active/Inactive Status (1 | 0)	1
	createdAt	the project created timeslot	2022-04-15T08:31:06.196Z
	updatedAt	the project updated timeslot	2022-05-19T06:42:06.239Z

Remarks : the list will order by Project Sequence ASC

Example Json

```
{
        "data": [{
                        "pj_ID": "62592d4a5c4b8a9d970b56aa",
                        "projectCode": "iRMS-External-Exchange",
                        "projectName": "i-RMS External Exchange Data",
                        "projectDescr": "all External Parties requested integrate data will be added in here",
                        "group":"",
                        "isActive": "1",
                        "createdAt": "2022-04-15T08:31:06.196Z",
                        "updatedAt": "2022-05-19T06:42:06.239Z"
                }]
}
```

Name	Description
Path : /project /fulllist	a API for listing of all exchange project with Exchange items

Requirement	phase 2 will be revised to 2 Level Grouping
	Old Layout = phase 1 = all of red = Exchange Items
	Revised Layout = phase 2 = there will a lot of Project , and each Project will be a lot of Exchange Items
	Remarks : i see a lot of Active / inactive button in existing function , so want to clarify is:
	Active/Inactive = All function is Active/Inactive
	Enable/Disable = specify 1 function is Enable/Disable
	1 Project only have 1 Active/Inactive
	1 Exchange Item only have 1 Active/Inactive
	example 1:
	XXX Project = Inactive , that mean all inbound , outbound , schedule , or other will be stop working
	example 2
	XXX Project = Active + Inbound DDEP API + Outbound Disabled = External also can posting data to Inbound DDEP API Path , but Outbound function will not be trigger

Group	Column Name	Description	Example Value
data	pj_ID	the Unique ID of Project	62592d4a5c4b8a9d970b56aa
	projectCode	the Project Code	iRMS-External-Exchange
	projectName	the Project Name	i-RMS External Exchange Data
	projectDescr	the Project Description	all External Parties requested integrate data will be added in here
	isActive	the Project Active/Inactive Status (1 | 0)	1
	createdAt	the project created timeslot	2022-04-15T08:31:06.196Z
	updatedAt	the project updated timeslot	2022-05-19T06:42:06.239Z
data > items	item_ID	the Unique ID of Exchange Item	62592d715c4b8a9d970b56ac
	itemCode	the Item Code	BGRS-Initiations-Sync
	itemName	the Item Name	BGRS Initiations Synchronize
	itemDescr	the Item Description	BGRS will share their business to multiple parties
	isActive	the Project Active/Inactive Status (1 | 0)	1
	verison	the Item Version	1.7
	inboundType	the type of Inbound (DDEP API | User API | SFTP/FTP)	DDEP API
	inboundFormat	the content format of the inbound	JSON
	outboundFormat	the content format of the outbound	JSON
	scheduleDescr	the schedule description	Daily 18:00

Remarks : the list will order by Project Sequence ASC

| Example Json | ```json
{
        "data": [{
                        "pj_ID": "62592d4a5c4b8a9d970b56aa",
                        "projectCode": "iRMS-External-Exchange",
                        "projectName": "i-RMS External Exchange Data",
                        "projectDescr": "all External Parties requested integrate data will be added in here",
                        "group":"",
                        "isActive": "1",
                        "createdAt": "2022-04-15T08:31:06.196Z",
                        "updatedAt": "2022-05-19T06:42:06.239Z",
                        "items": [{
                                        "item_ID": "62592d715c4b8a9d970b56ac",
                                        "itemCode": "BGRS-Initiations-Synchronize",
                                        "itemName": "BGRS Initiations Synchronize",
                                        "itemDescr": "BGRS will share their business to multiple parties",
                                        "isActive": "1",
                                        "version": "1.7",
                                        "inboundType": "DDEP API",
                                        "inboundFormat": "JSON",
                                        "outboundFormat": "JSON",
                                        "scheduleDescr": "Daily 18:00"

                        }]
        }]
}
``` |