**Project Name : TaskCreationApp**

**Objective:** To create Todoist Projects in Todoist Application for Leads , Referral Source and tasks for lead ,referral source and assign tasks to Broker.

**Description:**This project is to over come over load of Open ERP ,In Open Erp also we have option to creating todo tasks instead of overloading the Open Erp we choose third api tool TODOIST for Todo tasks).In this project for every new lead we creating Todoist Projects in this format 'leadfirstname\_leadlasteName\_leadId' Ex:Brad\_pitt\_439,

This project is depand on DatafromTodoist App.

1) when we create Todoist project in Todoist application for leads, In Todoist application we configured webhook with DataformTodiost application url, so when we create tasks or project webhook will send data to the dataFromTodoist application .

2) data from Todoist application storing every todoist projects details and tasks details in couchbase.

This application will Create

1)Lead Todoist project

1.1) mortgage deadline tasks

Lead Todoist project is created when request come formsPlayApp when the submitreferral form is submitted (when lead was submited).

1.1) Credit tasks

when stage change to Credit , CrmSyncToCouchbase app triger lead tabel data send request to stage maill App , from stage mail will make rest call to Taskcreation app, when request came to Taskcreation app from request we take lead or opprunity id , using opporunity Id we query couchbase to search for Todoist Task project ID ,after get Todoist project Id we create credit tasks in the leadTodoist projects .

1.2)documentlist tasks

when stage changed to awiating documents

CrmSyncToCouchbase app triger lead tabel data send request to DocumentAnalyzer App , from DocumentAnalyzer we list docs and will make rest call to Taskcreation app, when request came to Taskcreation app from request we take lead or opprunity id , using opporunity Id we query couchbase to search for Todoist Task project ID ,after get Todoist project Id we create credit tasks in the leadTodoist projects .

1.3) stage tasks

when stage changed to all Product or proposal, postselection, comitment, compensation, paid etc

CrmSyncToCouchbase app trigger lead tabel data send request to DocumentAnalyzer App , from stage mail will make call to Taskcreation app, when request came to Taskcreation app from request we take lead or opprunity id , using opporunity Id we query couchbase to search for Todoist Task project ID ,after get Todoist project Id we create credit tasks in the leadTodoist projects .

2) Referral Tasks

when referral source form submitted it send request to taskcreation app to create referral tasks based

when request came to Taskcreation app , using ReferralSouce Todoist project name we query couchbase to search for Todoist Referral Task project ID ,after get Todoist project Id we create referral Taks tasks in the ReferralSource Todoist projects .

**Language:** Java jdk 7.

**FrameWork:**Play FrameWork .

**DataBase:**Couchbase.

**Errors May Occur.**

1)If Wrong request values sent Taskcreation app (tasks will not be Created )

2) if couchbase was not running and if it give time out opertion to query a data (Tasks will not be created )

3) if we not found project Id of Todoist Project from couchbase ( task will not be created )

Start

Referral Tasks

Lead tasks

Document tasks

Credit fail tasks

Request to Referral tasks lead tasks stage tasks document tasks credit tasks

Stage Tasks

Create project tasks

Referral tasks

Credit

All product

Proposal

Post selection

compensation

comitment

Documents tasks

Credit fails tasks

Create stage tasks if match

paid

End