

#1. Introduction:

“Task to-do” tool on django is used to showcase all the assigned tasks to the user who logs in, and also to view notes on the versions and also is able to reply to notes. The whole functionality is directly connected to Ftrack, where changes are directly reflected on ftrack.

#2. Functionality:

“Task to-do” tool provides certain options to select to complete the desired task.

“Task to-do” tool automatically detects the logged in user with Ldap and collects all the information of the user and his assigned tasks which is showcased in the user Interface. Following are the information keys which can be found in the tool:

1. Task name
2. Status
3. Description
4. Start date
5. end date
6. days left
7. Links
8. Task notes with proper categories.
9. Version notes with proper categories
10. Rejection notes

User carries the authority to change the status of the task as per the requirement.

#3. To be used by department(s):

All Departments

#4. System Requirements:

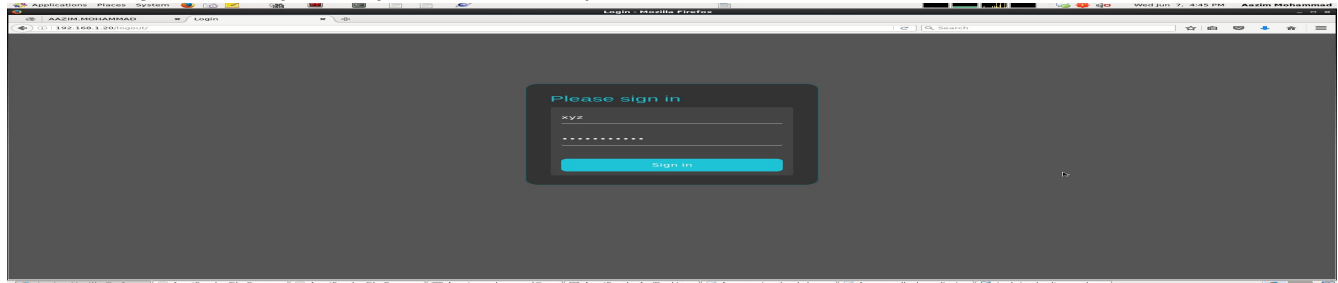
Python 2.7+ (<3.0)

#5. Usage Instructions:

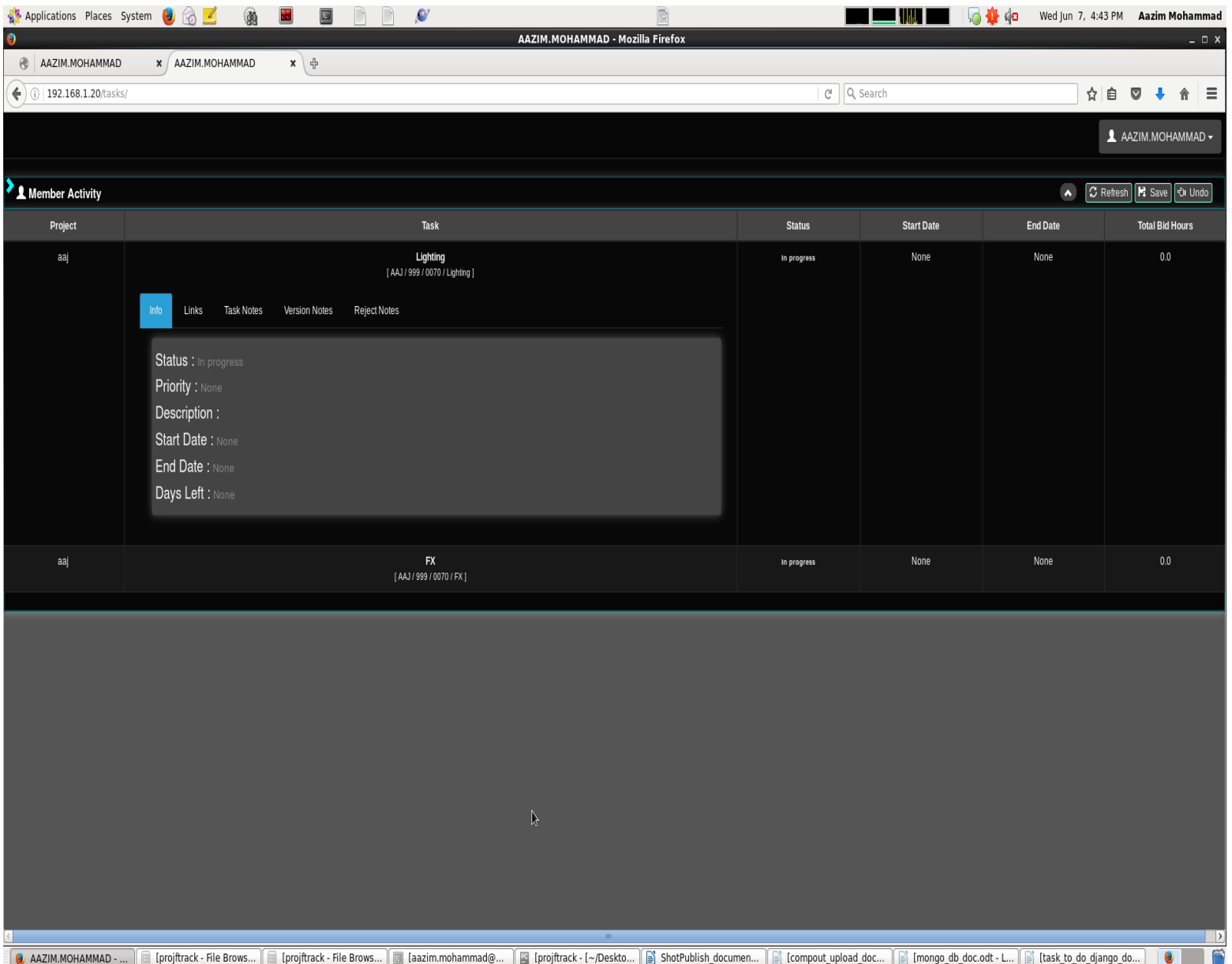
“Task to-do” tool is live on “192.168.1.20/tasks”

Starting Steps:

1. Login with your system ID and password on 192.168.1.20



2. After logging in, the user will be redirected to "Task to-do" tool.
3. User will be able to see all the tasks that are assigned to him on Ftrack.
4. A dropdown will be seen when clicked on the task name
5. The dropdown will provide ample number of options, so that the user can get all the related information which is required
6. When double clicked on status tab, the user will enter into edit mode and can change the status of the task as required.
7. After setting a new status, 'Save' button has to be clicked to push the new changes to Ftrack as well.



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192.168.1.20/tasks/

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Member Activity

Refresh Save Undo

Project	Task	Status	Start Date	End Date	Total Bid Hours
aaj	Lighting [AAJ / 999 / 0070 / Lighting]	In progress	None	None	0.0
<div>Info Links Task Notes Version Notes Reject Notes</div> <div> Status : In progress Priority : None Description : Start Date : None End Date : None Days Left : None </div>					
aaj	FX [AAJ / 999 / 0070 / FX]	In progress	None	None	0.0

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#6. Packages / Modules used:

1. Libraries:

- Python Standard Library:
shutil, logging, functools, partial, json, math, os, time, re, subprocess, sys, socket, hashlib, collections, defaultdict, smtplib, itertools, count.

2. Packages:

import json, Django.http, os, sys, time, glob, ldap, email.mime.multipart. Smtplib, PyMongo
(Python module for MongoDB)

Ftrack modules from /ASE/01prj/NXP/code/python:

- ase_ftrack
- ase_session
- ase_task

3. Languages and DB Used:

1. Python
2. HTML, CSS
3. JQuery, Ajax
4. MongoDB

#8. Precaution:

Warning: This tool is in direct integration with ftrack api, So any changes made on this user interface will be directly reflected in Ftrack live server. So, Please avoid unnecessary changes.

#9. Reference:

1. <https://api.jquery.com/>
2. <http://api.mongodb.com/python/current/>