# QUICKTAX – APPLICATION DEPLOYMENT GUIDE

Server IP: <IP>

**Database**

Required: MySQL Latest version

Infrastructure:

1. Install MySQL latest version

Deployment setups:

1. Login as root user to MySQL database
2. Execute the quicktax\_ddl.sql file to create the tables and necessary data (users) for the application.

*\. <path\_to\_the\_ddl\_file>*

**Backend – API**

Required: Apache with PHP enabled, MySQL

Deployment Steps:

1. Copy *quicktax* Folder Apache’s htdocs/ folder
2. Execute the below command to give permission to the uploads folder for file upload and export.
   1. *cd <apache\_htdocs\_folder>/quicktax/*
   2. *chmod -R 777 uploads/*
   3. *chmod -R 777 files\_exp/*
   4. *chmod 777 export.py*
3. Change the complete path of the application (apache\_htdocs\_quicktax) in *.env* file
4. Try this URL http://<IP>/quicktax/admin.html. Old admin page will be opened. Login with admin/admin as username/password will work.

It means the backend application is ready to use.

**Frontend**

Required: (Node, React)

Infrastructure setup:

1. *sudo apt update*
2. *sudo apt install nodejs npm*
3. *node -v (tells the node version)*
4. *sudo npm install --global serve*

Building application (in local machine) :

1. Go to new-design folder :

*cd new-design*

1. *PUBLIC\_URL=http://<IP>:3000/ npm run build*

This creates a *build*/ folder

Deployment steps:

1. Create a folder named ‘qtax’ in server under htdocs/ folder
2. Copy the content of build/ folder to server’s htdocs/qtax folder
3. Go to htdocs/qtax folder and execute the below command

*sudo serve -s -l 3000 &> qtax.log &*

1. Application is available in the below URL

*http://<IP>:3000*

**PDF Parser and Calculation scripts**

Required: Python3, Python, Shell scripts

Deployment steps:

1. Install python3 latest version
2. Install dependency packages [Refer py\_req.txt]
3. Install Chrome [Refer py\_req.txt]
4. Schedule the parsing using crontab service [Refer py\_req.txt]

Logs:

Application log files will be available under <apache\_htdocs>/quicktax/ folder which can be accessible in browser http://<IP>/quicktax/<log file>

* cron.log -
* cron\_calc.log
* pdf\_calc.log
* pdf\_extract.log
* pdf\_calc\_manual.log