**Installation step (followed in local)**

- Required php v 7.0x

- Required apache2 v 2.0.x

- Required mysql 5.x

- Required composer (version 2.0.13), php and git in your system PATH veriable (PC setting/environment variable)

- Make folder (dfp or whatever you would like the project directory name to be , we will refere to it as {project\_dir}) in your localhost root directory

- Clone souce code using below url

https://github.com/RegioneLombardia/Open20

- Open cmd and cd to dfp folder

- Run php init command and make rquired files at path (there are 8 folders (console/web backend/runtime backend/web/assets common/uploads common/uploads/store common/uploads/temp frontend/runtime frontend/web/assets) that will be shown when you run this command , make those folders and give them write permission ) from output of command (correct composer.json and whole project is provide in zip format in mail)

- Create db dfp (make sure the charset should be utf8 and collation should be utf8\_unicode\_ci and default\_storage\_engine should be 'InnoDB')

- Go to {project\_dir}\common\config\main-local.php and add db detail like below

'db' => [

'class' => 'yii\db\Connection',

'dsn' => 'mysql:host=localhost;dbname=dfp,

'username' => 'root',

'password' => '',

'charset' => 'utf8',

'enableSchemaCache' => true,

'schemaCacheDuration' => 88000,

'schemaCache' => 'schemaCache',

'attributes'=>[

PDO::ATTR\_PERSISTENT => true

]

],

- Run command composer update and read the output, replace all not found version with latest version shown in command output in file {project\_dir}\composer.json and run command again

- Run php yii migrate if warning or error shown run again until all migration done

- Run yii serve --docroot="path to {project\_dir}/backend/web folder"

- Took localhost url from command output and append /backend/web and run that url on browser

**Installation step (followed in server)**

Check ubuntu version

lsb\_release -a (my version 22.04)

Install apache

sudo apt update

sudo apt install apache2

**Install php**

sudo apt-add-repository ppa:ondrej/php

sudo apt-get update

sudo apt-get install php7.0

sudo apt-get install php7.0-cli

sudo apt-get install php7.0-mbstring

sudo apt-get install php7.0-bcmath

sudo apt-get install php7.0-xml

sudo apt-get install php7.0-intl

sudo apt-get install php7.0-mysql

sudo apt-get install php7.0-gd

sudo apt-get install php7.0-zip

sudo apt-get install php7.0-mysqlnd

sudo apt-get install php7.0-curl

Clone the project in /var/www/html

sudo git clone https://github.com/RegioneLombardia/Open20

Install composer

v 2.0.13 (this version is very important)

Inside Project Direcotry Run

sudo php init

sudo php composer.phar update or install (type yes if asked to upgrade the dependencies)

**Change root of our server**

sudo nano /etc/apache2/apache2.conf

Add below line

DocumentRoot "/var/www/html/{your project /backend/web}"

Change below

<Directory /var/www/html/{your project /backend/web}>

Options Indexes FollowSymLinks

AllowOverride All

Require all granted

</Directory>

Enable rewrite module

sudo a2enmod rewrite

Give write permission to following directory

sudo chmod -R a+rw frontend/web/assets

backend/runtime

backend/web/assets

common/uploads

common/uploads/store

common/uploads/temp

frontend/runtime

frontend/web/assets

backend/web/invitations

**Installation step (if you have zip)**

-- Unzip and point your server to {project directory}/backend/web

-- Other things will remain same as above

-- Run this command in Database

set global sql\_mode=' ';

SET GLOBAL sql\_mode=(SELECT REPLACE(@@sql\_mode,'ONLY\_FULL\_GROUP\_BY',''));

-----------------------------