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FASTPRO SCHOOL MANAGEMENT SYSTEM WINDOWS INSTALLER GUIDE

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DON'T PRETEND TO BE A PRO, JUST READ AND COMPREHEND EACH AND EVERY WORD IN THIS GUIDE BEFORE ANYTHING ELSE. SKIPPING A SINGLE STEP WILL MAKE THE SYSTEM NOT TO FUNCTION.

Step 1/6: Software/Hardware requirements

Extract the file FastPro.zip and install the software in a machine with at least: 2GB RAM, 100GB HDD, dual core or core- something for better performance.

1. Postgres *9.3*

2. Wildfly Application Server *8.2.0*

3. JDK *jdk1.8.0_60* or above

Step 2/6: Software installation Procedure

1. Execute the script createDir.bat

It will create the following directories.

1. *C:/opt/Programs/jdks*

2. *C:/opt/Programs/WildFly*

3. *Other directories*

4. *C:/home/%username%/svn/School/trunk/webapp/bin*

5. *C:/home/%username%/school/exams*

6. *C:/home/%username%/school/logo*

   Backup Directory

7. *D:/pgBackup*

Postgres Installation Directory should be as shown below, so be keen when installing postgres9.3

`\C:/Program Files/PostgreSQL/9.3/`

Step 3/6: Installing JDK

1. Install the **JDK** and Java in _**jdks dir**_ we have just created

Step 4/6: Installing Wildfly Server

2. Extract your **WildFly8.2.0 zip** file into _**WildFly dir**_ we have just created

3. Rename it to 8.2.0 (rename what is produced after extracting)

4. Navigate into the directory 8.2.0\standalone\deployments

5. Copy School.war here (in deployments dir)

Step 5/6: Installing the Postgres

1. Now breath in and out, … in and out , (Just kidding)

2. Remember to install it in the above mentioned directory

3. You might be required to provide a password in the process, just type something memorable

4. When done press window key and search for psql

5. psql is a shell window just like cmd window or terminal in Unix like OS

Press enter, provide nothing except the password that you have just created while installing Postgres. I mean if you are asked to provide hostname, port etc just skip by pressing enter, but you must provide the password.

Step 5 A: Creating the database

When done you will be logged in to the Postgres database via a shell window, type the following.

Type the following lines of pressing enter after semicolon.

CREATE USER school WITH PASSWORD 'AllaManO1';
ALTER ROLE school WITH CREATEDB;
CREATE DATABASE schooldb;
GRANT ALL PRIVILEGES ON DATABASE schooldb to school;
ALTER DATABASE schooldb OWNER to school;

Close the psql shell

Copy the **winPgScript.bat** and **restore.bat** in the directory --
**C:\home\%username%\svn\School\trunk\webapp\bin**

Copy the **win_postgres.sql** and **schooldb.sql** in the dir *C:\home\%username%\school*

> ➢ **STEP 1**: For demo data, execute **restore.bat** by right clicking and running as admin, this will populate the database with test data. When you are done with testing, probably after some few days, go to step 2 below. NOTE: you can skip this step if you are already familiar with the system.

> ➢ **STEP 2**: Execute **winPgScript.bat**, this script will erase the demo data if any and prepare the database for real data.

> ➢ NOTE: You will be asked to provide postgres password you created while installing Postgres 9.3

Step 6/6: Setting the logo and running the server

1. Copy your logo in the dir *C:\home\peter\school\logo*

2. NOTE: The logo must be in png format saved as **logo.png** with size 1700 X 916, meanwhile use the logo that is provided in the file you downloaded (FastPro.zip file).

3. Copy **setUp.bat** in the dir *C:\home\peter\school.* Then create a shortcut in the desktop so that you can access it easily.

4. When done **run the server by executing the shortcut you have just created** (Remember how to execute batch file? Right click and run as admin)

5. If you want to stop the server press **ctr+C** on the shell window that is running the server.

6. If you have done everything as stated here, you are good, just go to your phone recharge KSH100 airtime and dial *140*50*0718953974# to activate your new villa in Dubai!

END

Now proceed to the user guide and learn the basic functionality.