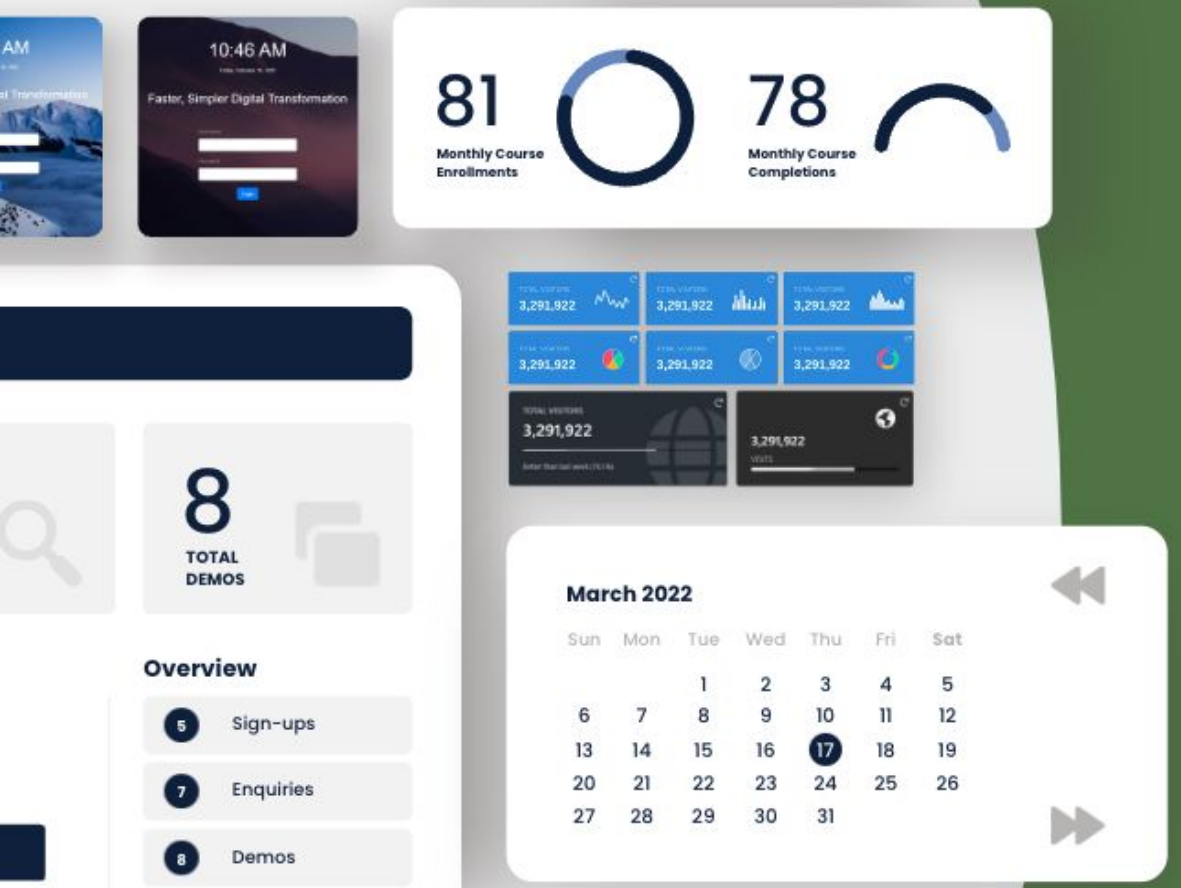


Joget DX 8

Setting up Joget

http://facebook.com/jogetworkflow

http://twitter.com/jogetworkflow

Last Revised on Jan 2023

Joget

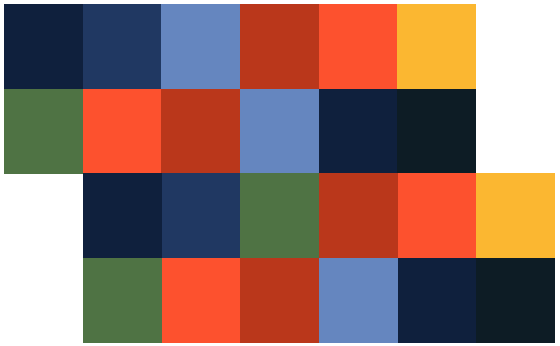
Prerequisites

- Introduced to Joget.
- Good understanding on how to operate a computer as an end user.

Joget

Content

1. System Requirements
2. Installation
3. Overview of User Management
4. Joget End User Experience
5. Joget App Generator



Chapter 1

System Requirements

Joget

Minimum System Requirements

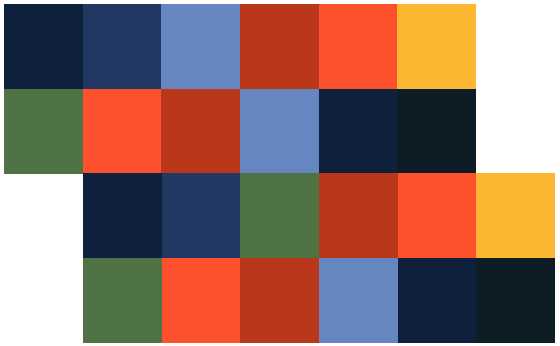
- Operating System: Windows or Linux
- Free system memory: 512MB
- Free disk space: 2GB

- Note: Minimum spec is only good for learning purposes
- Strictly **NOT** for production

Joget

System Requirements for Production

- It depends...
  - Read **Server Sizing** https://dev.joget.org/community/display/DX8/Application+Server+Sizing
  - Read **Hardware Requirements** https://dev.joget.org/community/display/DX8/Hardware+Requirements
  - Read more at **Joget Deployment Best Practices** https://dev.joget.org/community/display/DX8/Deployment+Best+Practices



Chapter 2

Installation

Joget

Installation

- Installers can be downloaded from joget.org/download/

- Instructions are available at https://dev.joget.org/community/display/DX8/Installation+on+Windows

Joget

What is needed?

- Database system (RDBMS) such as MariaDB, MySQL, MS SQL, Oracle DB2...
- Web Application Server such as Apache Tomcat, WildFly, WebLogic, etc.

Installation Bundles

- On Windows
  - **ALL** editions now come bundled with Tomcat & MariaDB
  - No-frills one-click installation process!
- On Linux
  - Joget with Tomcat bundled

Quick Tip

- Tomcat runs at port **8080** by default.
- MariaDB runs at port **3307** with default credentials (**root** with no password)

Apache Tomcat 8 (JSP Servlet Container)

MariaDB (Database)

Windows – Starting & Stopping Joget

- **To Start**:

  Start > Programs > Joget > Start Joget Server

  Leave the Tomcat console window open.

  Closing the console window will terminate Tomcat (and Joget Server).

- **To Stop**:

  Start > Programs > Joget > Stop Joget Server

  On certain systems, you will need to manually close the Tomcat console window after stopping the Joget Server.

Linux - Starting & Stopping Joget

- **To Start**:
  - Start the database server used to host database used by Joget Workflow.
  - Start the Tomcat server accordingly.
- **To Stop**:
  - Likewise, in reverse order, stop the Tomcat server, then the database server.

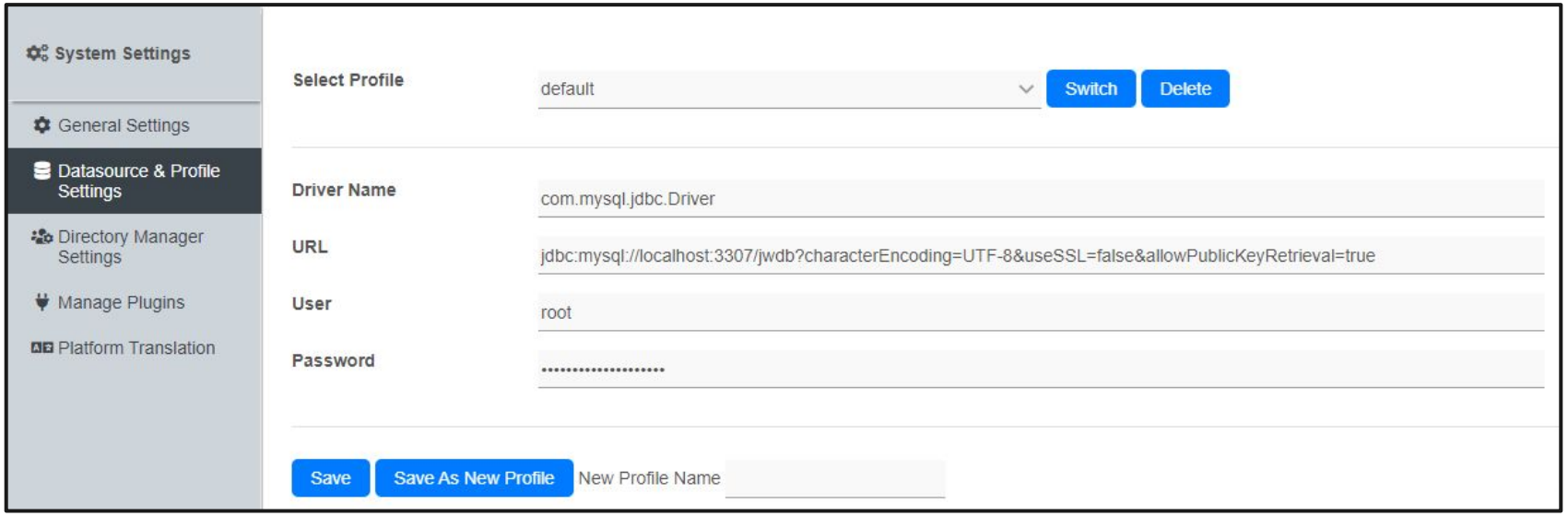
Interacting with Joget

- Once you have the App Server started, from your web browser, navigate to --> http://[domain]:[port]/[context path]
- OR, just use the “App Center” shortcut in Windows Start Menu.

Default URL	Default Admin Credential
[domain] = localhost [port] = 8080 [context path] = jw **http://localhost:8080/jw**	Username = admin Password = admin

Optional - Changing the Default Database

- Click on the pencil icon on the bottom right.
- Go to “Settings”, then “Datasource & Profile Settings”.
- Enter your preferred database’s information.
- Save!



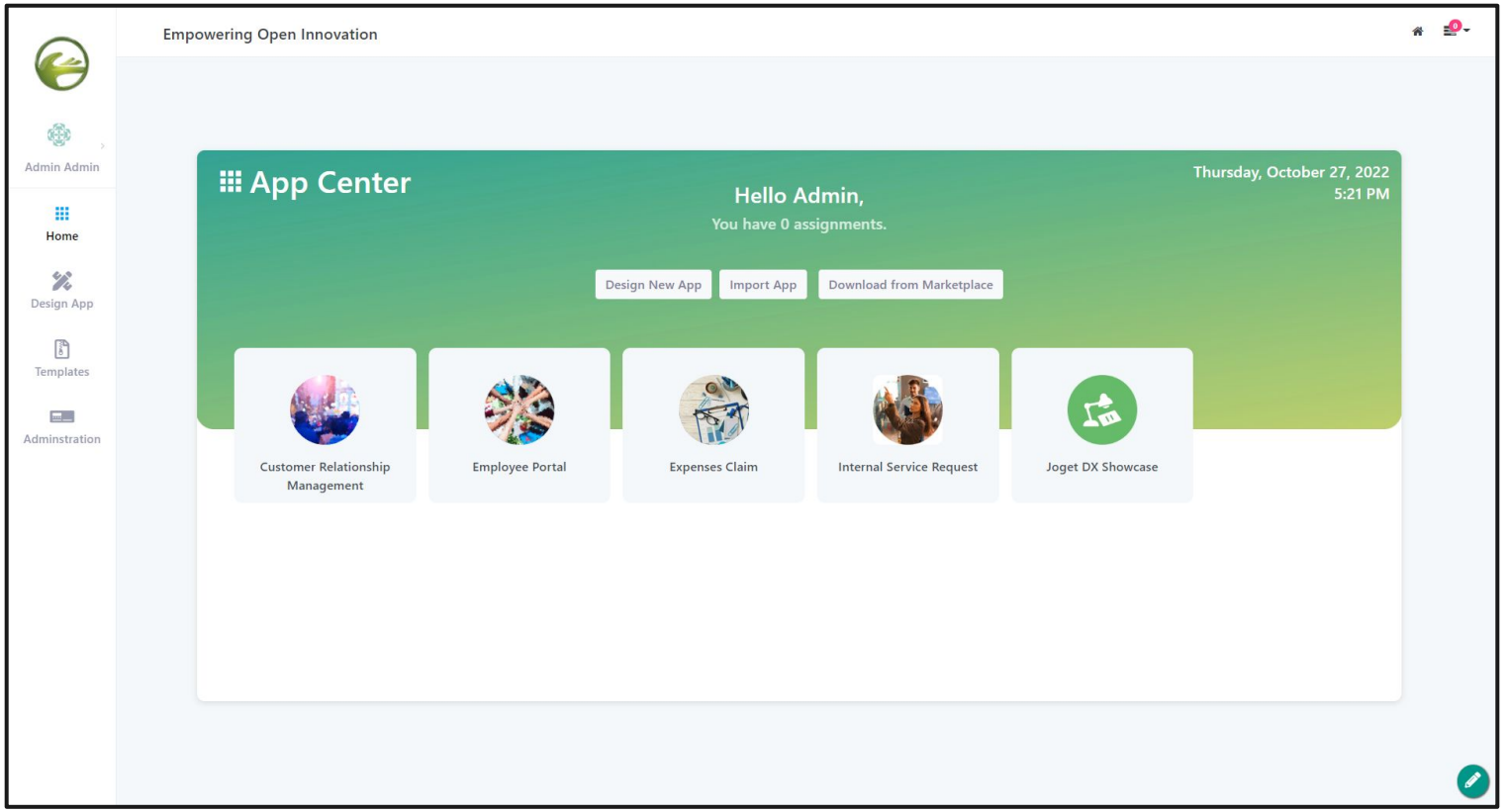
Or...Sign up for a Joget Cloud account

- Go to www.jogetcloud.com
- Register for a new account
- Check email for verification to finish provisioning account.
- Once registration is complete, navigate to the url that you keyed in during registration.
  Example: *yourDomain*.cloud.joget.com

➔ No installation setup to go through!
➔ Browser only. No need to setup anything on premise.
➔ All features of Joget Enterprise available.

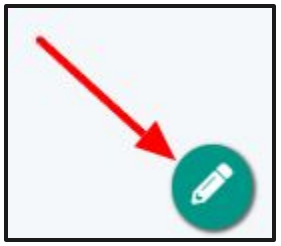
Introducing the App Center

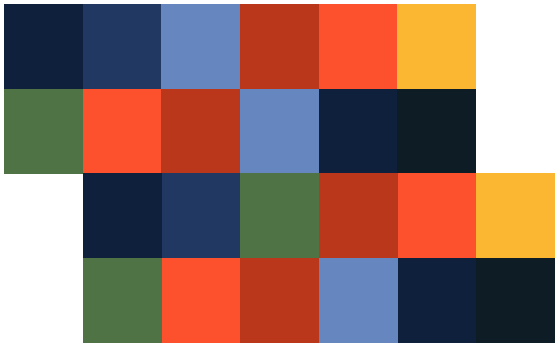
- The default landing page for Joget (customizable) is the App Center, where all **Joget Apps** will be listed down.



Introducing the Admin Bar

- Once logged in as admin, the Admin Bar will show up. It is conveniently placed on the bottom right of the page at all times for convenient access to admin features.



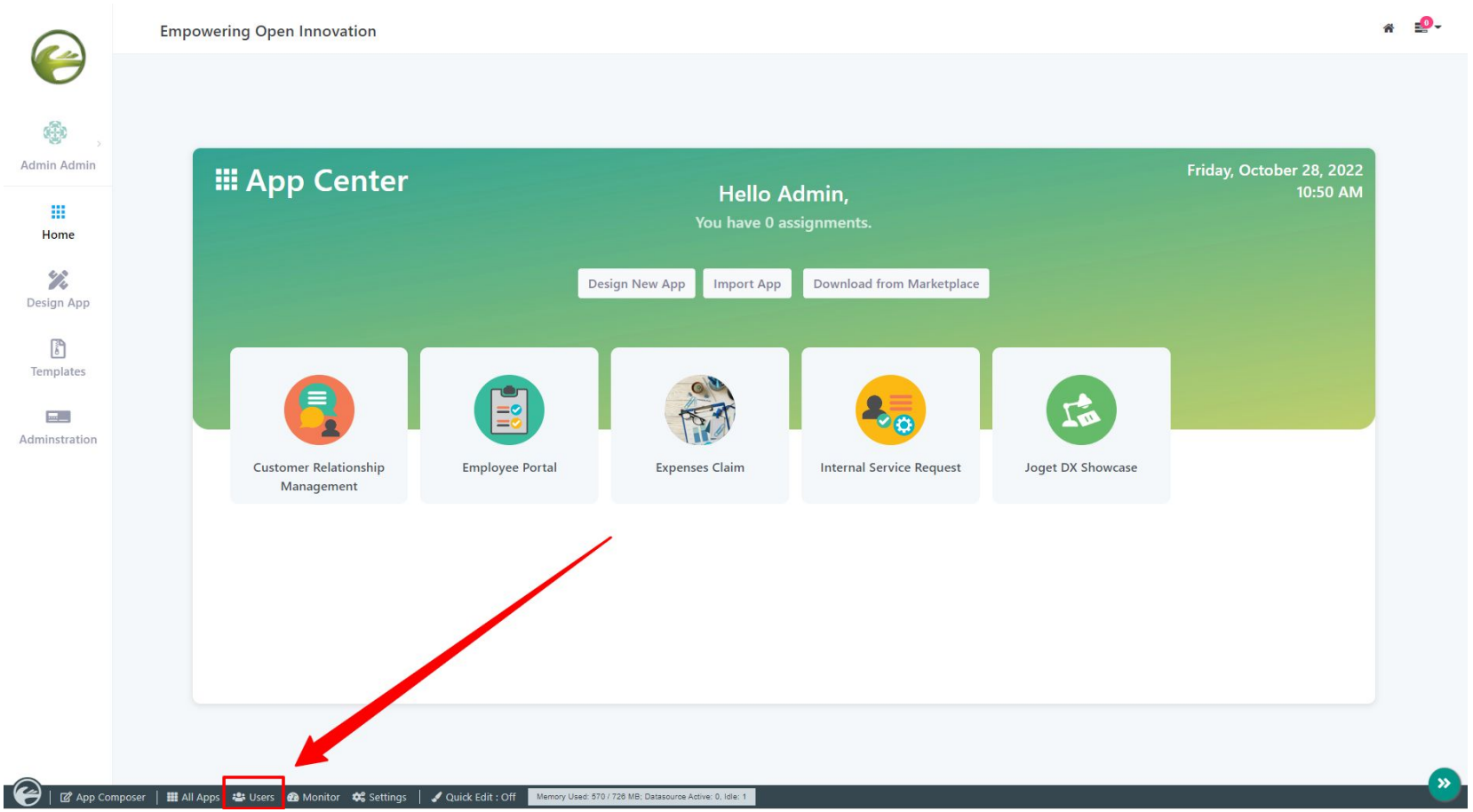


Chapter 3

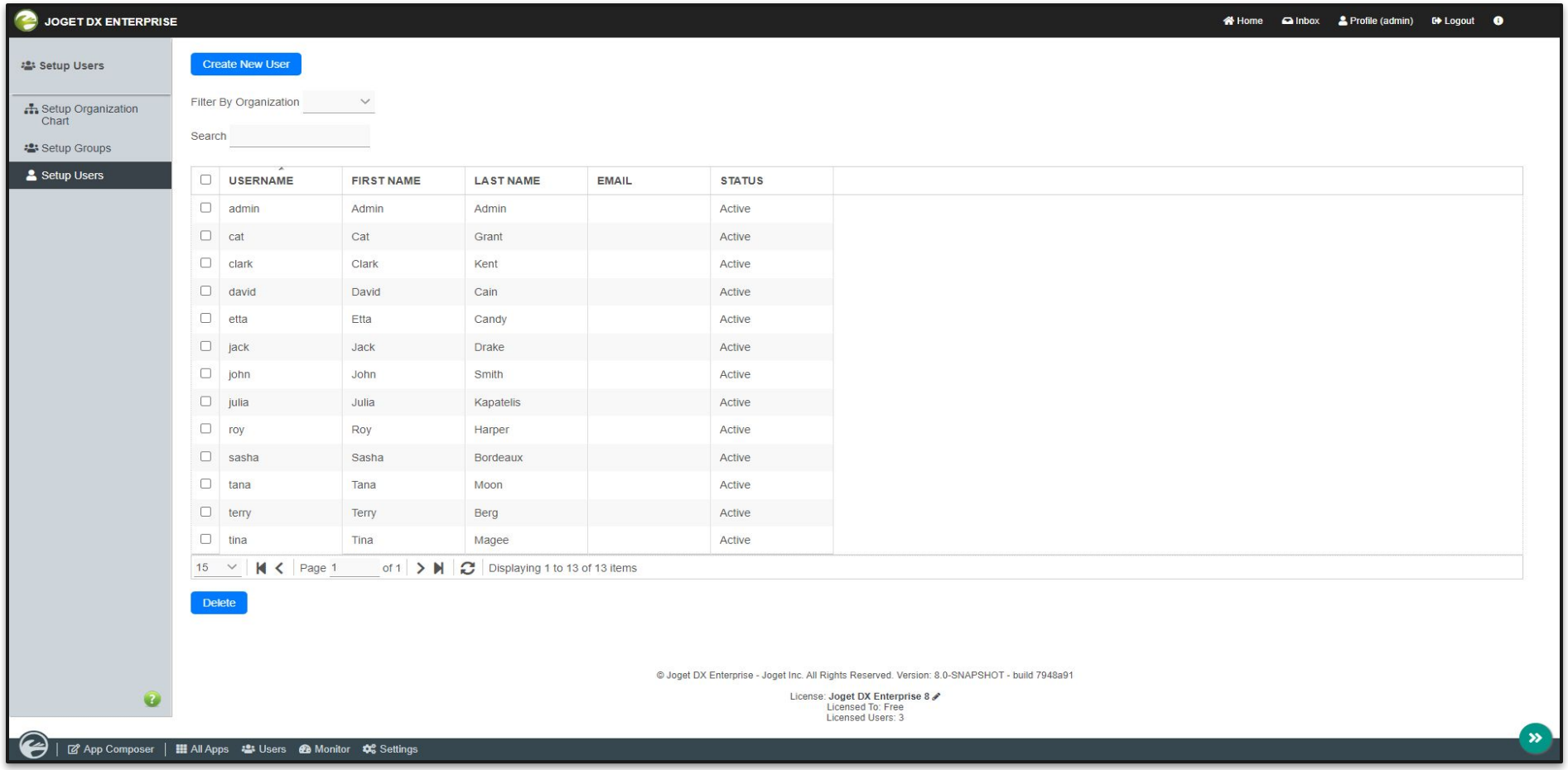
Overview of User Management

Accessing the User Management

- From the Admin bar, click on **Users**.

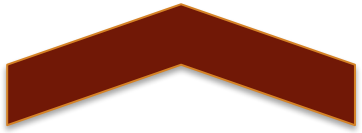


Overview of User Management

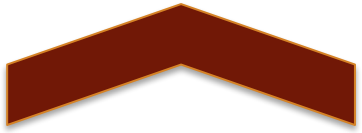


Joget

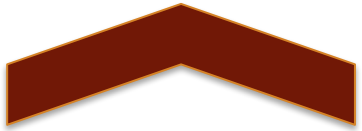
Organization



Department

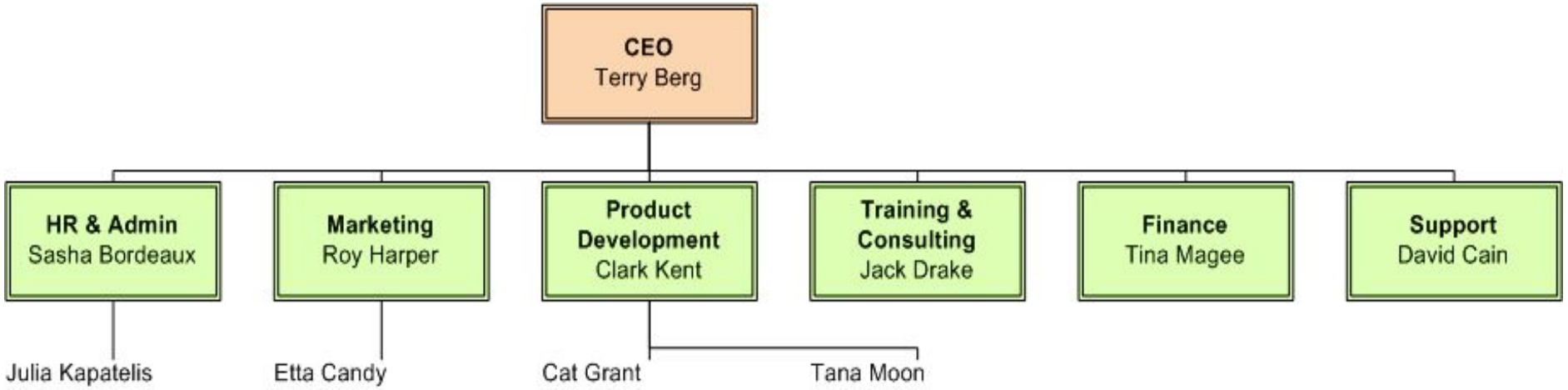


Sub-Department (Optional)



User

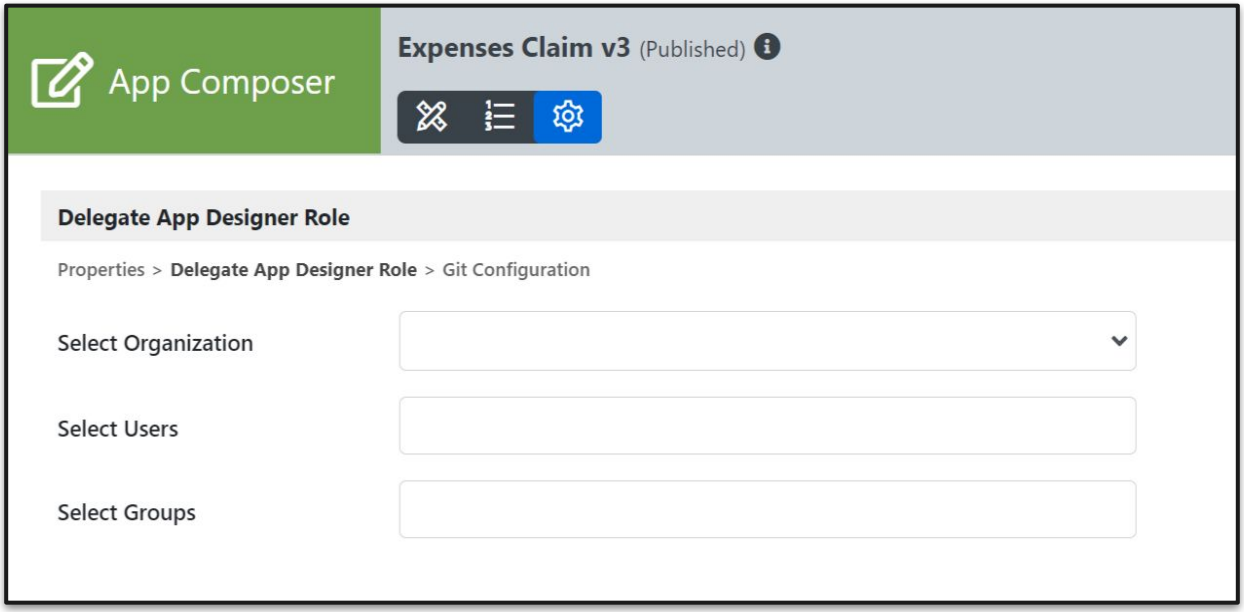
Sample Organization Chart



First Name is the username, and **password** is "password".
e.g: cat / password

App Admin

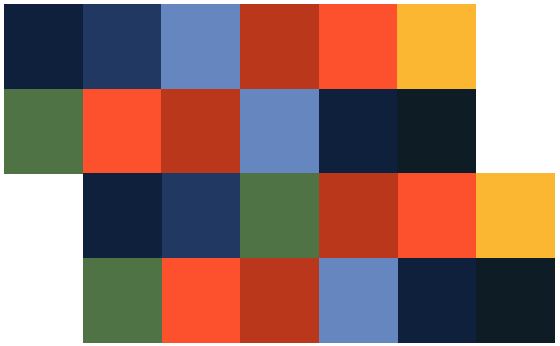
- Users can also be assigned as App Admin.
- App Admins have administrator access rights for the selected App.



Joget

Discussion

- Can we use LDAP/AD alongside with Joget?



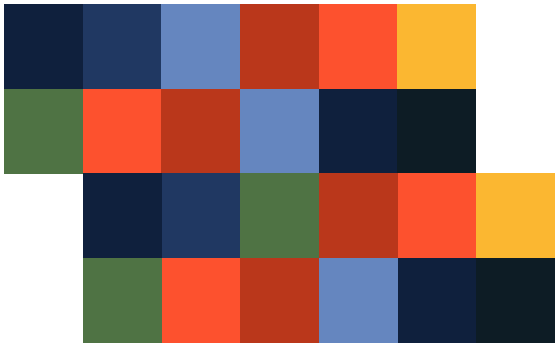
Chapter 4

Joget End User Experience

Joget

Try it Out

- From the list of sample apps pre-installed in your Joget, try out one of the apps as an end user.
  For example:-
  - Expenses Claim App
    - Submit as Cat
    - Approve as Clark
    - Verify as Admin
- Study the App design.
  - Process, Form, List, and UI



Chapter 5

Joget App Generator

Joget

Joget App Generator

- Quick and convenient way of creating a new Joget App based on ready/existing template.

- THINK! App Generator as the **boilerplate** for your App design.

Joget

Let's Try it Out!

- Create a new Joget App
  - Name it as Express Leave App
- Create a new Form
  - Name it as Application Form.
    (id: applicationForm, table: eleave_applications)
- On top right of the Form Builder
  - Click on Generate App
  - Check all
  - Generate

Joget®

Try out the Joget Experience again on this newly created App!

Joget

Just In Case...

- You can download the base Express Leave app - **2.5.jwa** to start 'playing around' with it.

Joget

Module Review

1. System Requirements
2. Installation
3. Overview of User Management
4. Joget End User Experience
5. Joget App Generator

Joget

Recommended Further Learning

- Designing your first Process

Joget

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