RADS

Setting up
RADS

https://github.com/radservice/rad-community/fork

Last Revised on Oct 2021

Prerequisites

- Introduced to RADS.

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

Content

1. System Requirements

2. Installation

3. Overview of User Management

4. RADS End User Experience

5. RADS App Generator

Chapter 1

System Requirements

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

System Requirements for Production

- It depends...

  – Read more at **RADS Deployment Best Practices**

  https://docs.rads.purwana.net/Deployment+Best+Practices

Chapter 2

Installation

Installation

- Installers can be downloaded from
  rads.purwana.net/download

- Instructions are available at
https://docs.rads.purwana.net/Installation+on+Windows

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

  - RADS 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 RADS

- **To Start**:

  Start > Programs > RADS > Start RADS Server

  Leave the Tomcat console window open.

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

- **To Stop**:

  Start > Programs > RADS > Stop RADS Server

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

Linux - Starting & Stopping RADS

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

Interacting with RADS

- 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] = rad **http://localhost:8080/rad**	Username = admin Password = admin

Optional - Changing the Default Database

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

Introducing the App Center

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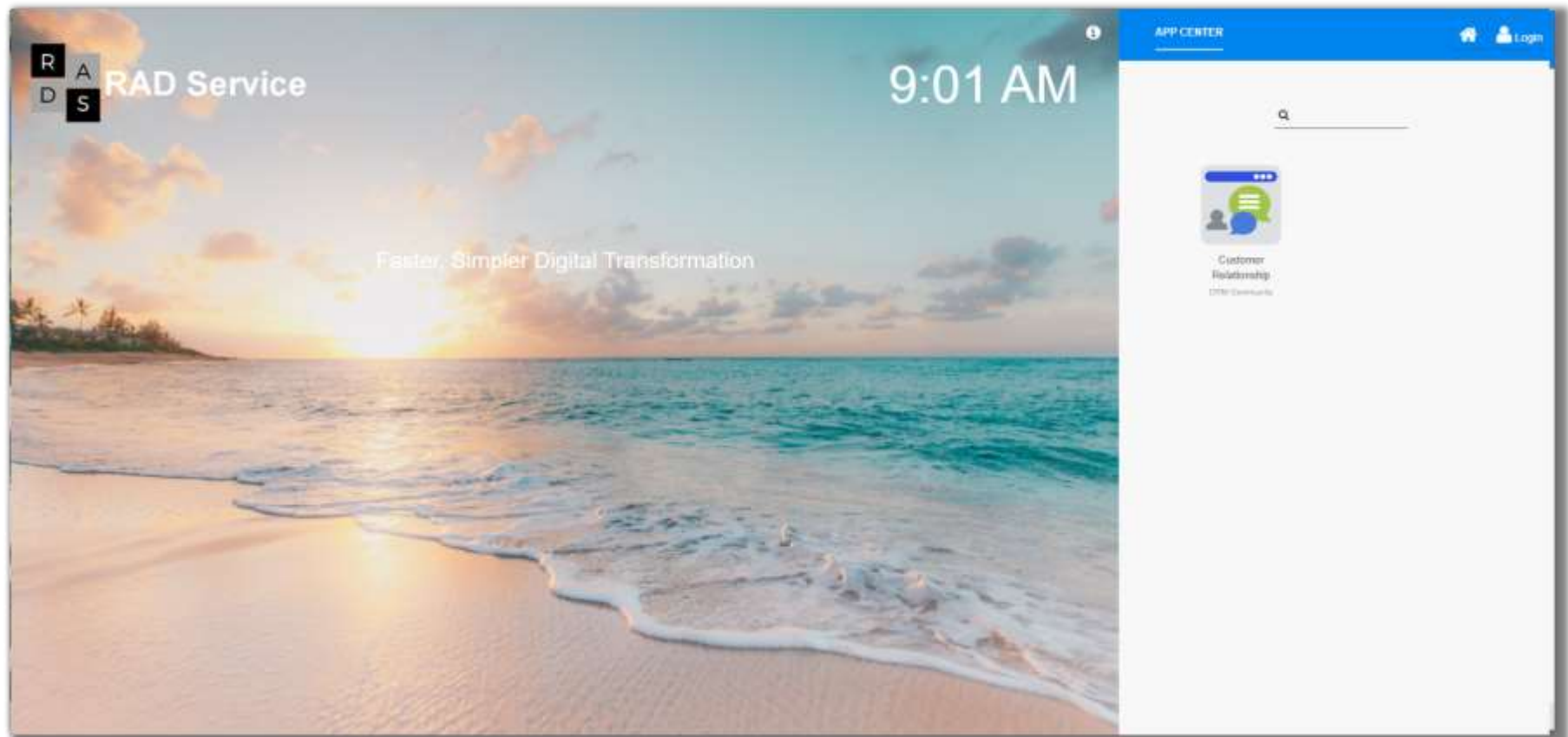
Introducing the Admin Bar

- 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.
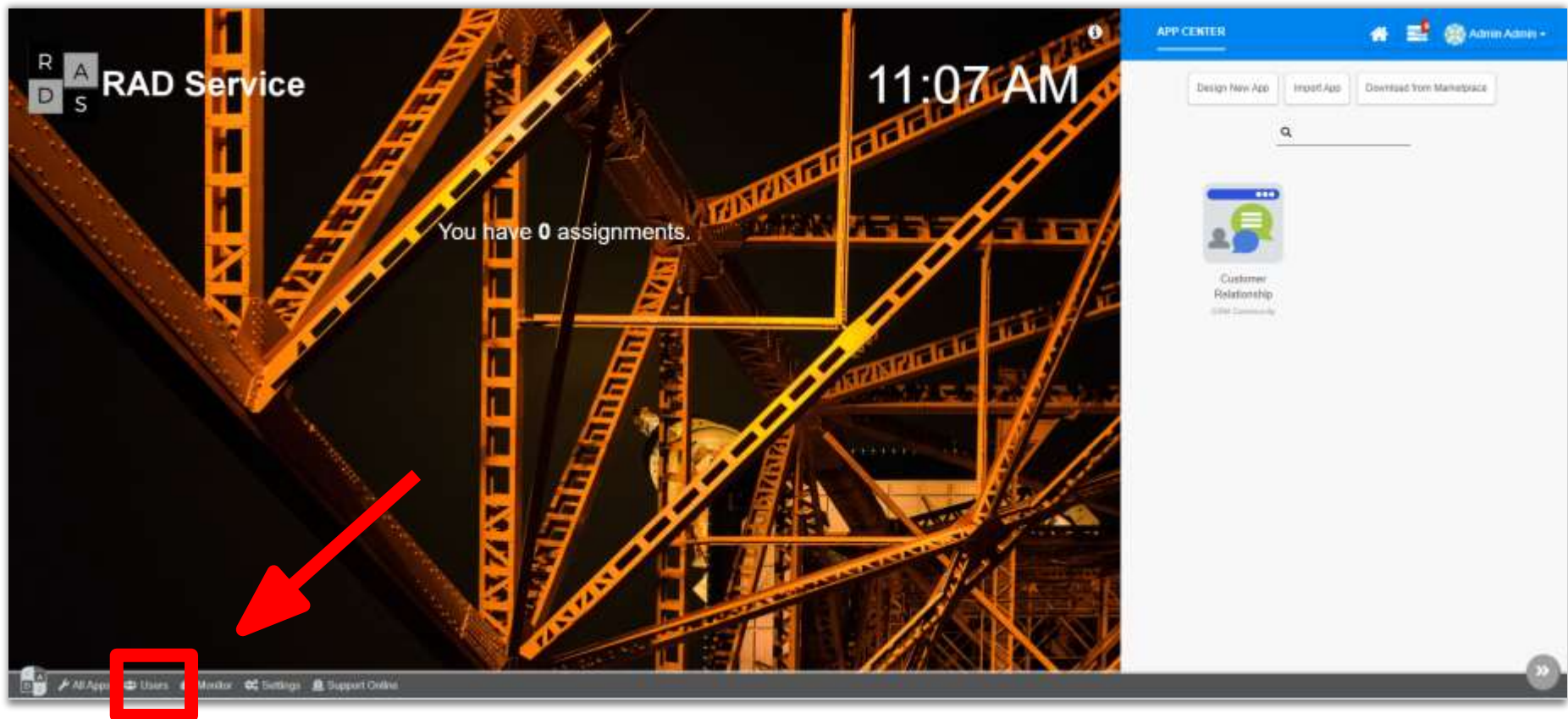

Customer
Relationship

CRM Community
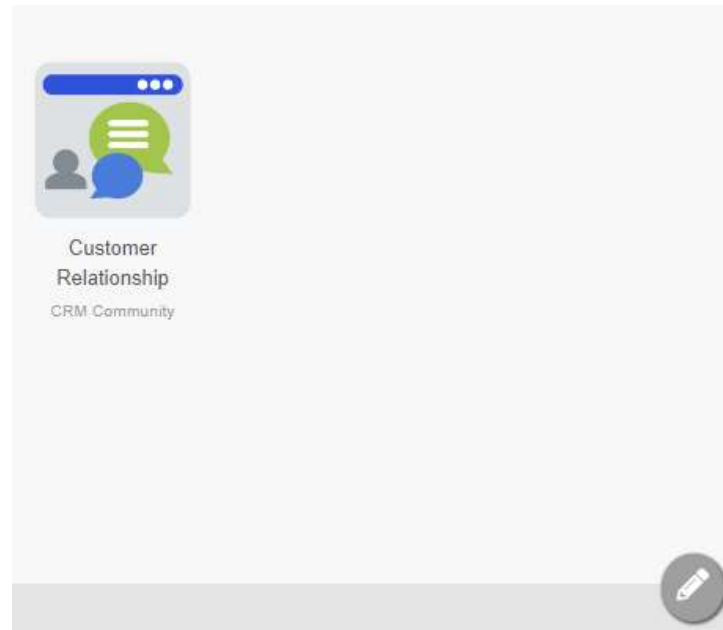
Chapter 3

Overview of User Management

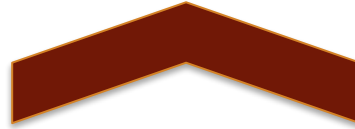# Accessing the User Management

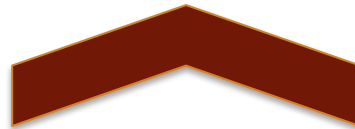- From the Admin bar, click on **Users**.

Overview of User Management

Organization

Department

Sub-Department (Optional)
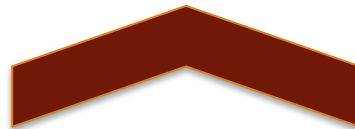
User

Sample Organization Chart
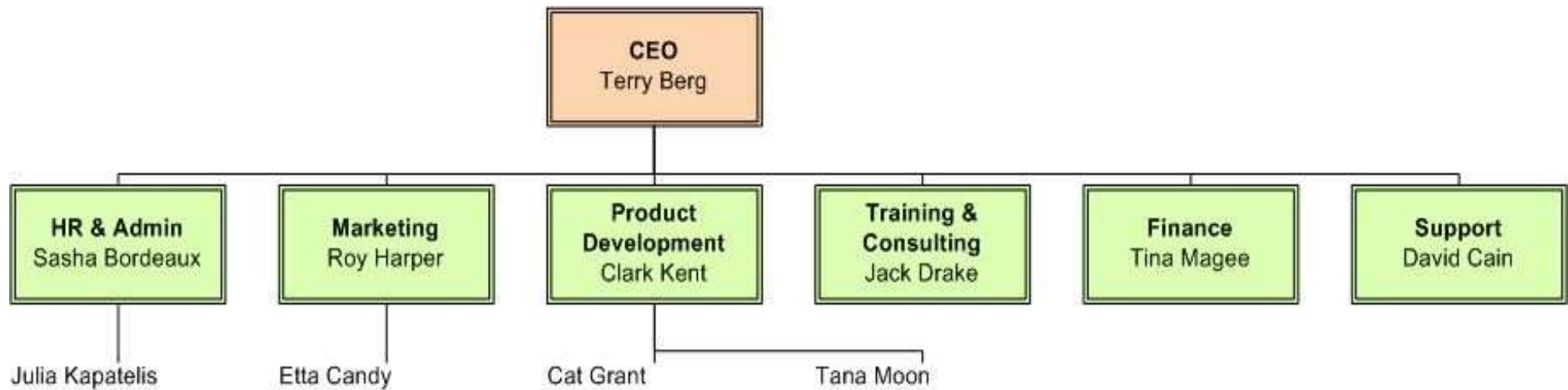
First Name is the username, and password is "password".
e.g: cat / password

App Admin

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

APP CONFIGURATION MANAGEMENT

Manage App Version   Delegate App Designer Role

Delegate App Designer Role

Select Organization ▼

Select Users

Select Groups

Discussion

- Can we use LDAP/AD alongside with RADS?

Chapter 4

RADS End User Experience

Try it Out

- From the list of sample apps pre-installed in your RADS, try out one of the apps as an end user.

  For example:-

  – HR Expenses Claim App

    - Submit as Cat

    - Approve as Clark

    - Verify as Admin

- Study the App design.

  – Process, Form, Datalist, and Userview

Chapter 5

RADS App Generator

RADS App Generator

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

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

Let's Try it Out!

- Create a new RADS 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

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

Module Review

1. System Requirements

2. Installation

3. Overview of User Management

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Recommended Further Learning

- Designing your first Process

Stay Connected with RADS

- rads.purwana.net
- https://github.com/radservice/rad-community