MAGNET MAIL SENDER

Version 1.0

User Manual

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***Magnet Mail Sender***

**Description:**

* The Magnet Mail Sender is an Executable Jar, Which authenticate the given Email Account to send the emails to others with predesigned construed messages.
* Here It get the Admin Email Account information from property file.
* And we defined the mail properties for Java Mail Sender in EmailBean.xml file
* It gets the List of pending emails from “Message User Mapping” table, until the current time.
* Then it gets the Blob data, it contains the mail body information and Recipient email Address.
* Construct the mail body message using the blob data and send the email to the corresponding recipient email id.
* After sent email, then the corresponding message user mapping object status is set to “Send”

**Mail Type:**

* User Registration Email
* Company Registration Email
* Reset User Password Email
* Assign Job Position to Hiring Member Email

**Email Properties:**

In this mail sender executable jar needs the below information to access the Corresponding Email Account to send the email to the corresponding recipients,

1. Email Id
2. Email Password
3. Mail SMTP Host
4. Mail Port

## Required Files & Procedures:

## Create Base Folder under /home/ec2-user

## The Base Folder must contains the following files/folders

## “properties” folder – which contains what are the property files need for the corresponding jar (Database property, Log 4j property)

## “lib” folder – which contains the what are the dependency jars needed for the core

## “Executable Jar” – which performs the corresponding functionality using crontab

**Process Flow Diagrams:**

Success

Failure

It changes the message user mapping status to “Send” and Update to database

Sends the Email with constructed message and message subject from Admin email to Recipient email id

Mail send or not

It changes the message user mapping status to “Retry” & Increment the Retry count by 1 and Update to database

Database

Get the Message User Mapping list by status is “Pending or Retry” and Retry Count is less than 3 to until the current time

Iterate the Message User Mapping list

Manipulate the Message Template Using DE-Serialize the Blob data to Hash map

DE-Serialize the Recipient Blob data to get the User Information

From the User Information it gets the Recipient Email Id