

## USER GUIDE

This individual assignment is based on the sample project Mortgage\_Process in KIE workbench.

### INSTALLATION & PREPARATION:

Please follow the steps below to prepare the system before you are able to use it.

1. Download the zip project file.
2. Extract the zip project file.
3. Open your KIE software and import the extracted project folder into KIE as a project
4. Ensure you have created these groups and assign some people to each group:
  - a. Iss-group-requester: iss-yazhi
  - b. Iss-group-manager: iss-sam
  - c. Iss-group-approver: iss-jack

### ENHANCED FUNCTIONS:

The changes added is to have an additional check for supporting documents to determine whether applicant has submitted required documents. If required documents are not submitted, mortgage should not be issued.









1. Introducing a new field "Supporting Document" in Application data object.

 Application.java - Data Objects

[Model](#) [Overview](#) [Source](#)

Application

[+ add field](#)

Identifier	Label		Type	
amortization	Years of amortiza...		Integer	 Delete
applicant	Applicant		Applicant	 Delete
downpayment	Down Payment		Integer	 Delete
errors	Error details		Validation Error	 Delete
inlimitMR	inlimit Machine R...		Boolean	 Delete
mortgageamount	Mortgage amount		Integer	 Delete
property	Property		Property	 Delete
supportingdocu...	Supporting Docu...		String	 Delete

2. Update forms with the new input field

Form Modeler [Application] ▾

Save Delete Rename Copy Download Latest Version ▾ View Alerts

Model Overview

Property

Age of property  
Age of property

Address of property  
Address of property

Locale  
Locale

Sale Price  
Sale Price

Supporting Document \*  
Supporting Document

3. Add checking supporting document as a new logic into existing Rules, and combine with existing rules table.

MortgageMachineReasoning.rdr1 - Guided Rules ▾

Save Delete Rename Copy Validate Download Latest Version ▾ View Alerts

Model Overview Source Data Objects

EXTENDS - None - ▾

WHEN

There is an Application [app] with:  
all of the following:

1. mortgageamount { } app.property.saleprice - app.downpayment

supportingdocument { } "NRIC", "Passport", "HDB Flat & Financial Information", "Latest 3 months' payslips", "Latest credit facilities statements"

THEN

1. Set value of Application [app] inlimitMR true

(show options...)

#### SAMPLE SCENARIOS & EMAMPLES:

1. Login as "iss-yazhi", trigger instance and enter income as "110000", property price as "250000", property age as "3", location as "Urban", supporting document as "NRIC", submit  
Login as "wbadmin" and go to inbox, "mortgage amount" should show as "200000"
2. Login as "iss-yazhi", trigger instance and enter income as "110000", property price as "250000", property age as "3", location as "Urban", supporting document as "", submit  
Login as "wbadmin" and go to inbox, no value will be set to mortgage.