

BILL PRESENTMENT FOR UMK

1.0 Introduction

This document details the scope and User Requirements of Bill Presentment facility for Universiti Malaysia Kelantan (UMK)

UMK has agreed with BIMB proposal to use the Bill Presentment facility for collecting student's fees payment.

The system must be able to accommodate the following requirement:-

- i. Full Payment (No Partial Payment is allowed)

2.0 Program Enhancement (BIMB)

The following enhancements are required in the RBS system to cater UMK requirement

2.1 MOSAIC

To add 'institution code' for UMK at the institution code parameter

2.2 Bill Presentment Parameter

A new parameter to allow the bank to set the 'edit checking' based on the UMK requirement as bellows :-

1. Edit Amount No
2. Multiple Payment No

2.3 HOST Teller

The system must be able to received, uploaded and stored the 'payment information' (in text-file format) send by UMK. Refer to attachment 1 on the details 'payment information' required (inbound File)

To add the following 'edit checking':-

- i. Will automatically request the teller to key-in the student IC as a reference number for identification during 'Bill Presentment' transaction when the institution code selected is UMK.
- ii. The system will automatically retrieve the student payment information such as Bill Ref Number, Bill Amount, student's ID/Matrix card, student' name and student IC.

The system must be able to reject

- if payment not tally with Bill Amount
- multiple payments

2.4 Report

The RBS system must be able to generate the following report:-

- Outbound file as attachment 2
- Monthly Special Current Account Statement using the Bill Reference Number as a document number.

3.0 GL Interface (BIMB)

The system shall use the existing GL Interface program (Bill Presentment) to cater for the above requirement.

4.0 Other User Expectation

The user requested that:-

- i) This facility must be ready by early June 2007 to cater for UMK next intake schedule in July 2007
- ii) A complete MOSAIC user guide send to all branches for reference

Attachment 1

BILL PRESENTMENT - UNIVERSITI MALAYSIA KELANTAN (UMK)

In Bound

FIELD	LENGTH	ATTRIBUTE	M/O	REMARK
A Upload Reference Number	16	Char	M	This field denotes the source of the uploaded bill information Default to : Can be UMK
B Bill Reference Number	13 (29)	Char	M	Must be unique under same Institution Code. As discussed , No Matrik or No KP
C Bill date	8 (37)	Numeric	O	Blank
D Bill Amount	13 (50)	Numeric	O	Default to : Student Bill Amount.
E Student ID	10 (60)	Char	O	Student Matrix No. Same as field in Bill Reference Number
F Student IC Number	14 (74)	Char	O	Student New IC format Do not put '-'
G Student Name	60 (134)	Char	M	Student name
H Collection Account Number	16 (150)	Numeric	M	BIMB collection account. System will base on the account determined by institution and credit to this account when is paid. Eg : 0012029010050004
I Status	1 (151)	Char	O	Default to : A Internal used.
J Reason	255 (406)	Char	O	Blank Internal used.
K Due Date	8 (414)	Numeric	O	Blank Format is ddmmyyyy. System will reject the transaction if the bill is overdue. If no due date being sent from institution, the edit for exceed payment due date will be applied.
L Status Transfer	1 (415)	Char	O	Blank Internal used.
M Send Date	8 (423)	Numeric	O	ddmmyyyy Date institution send the data
N Transfer Amount	4 (427)	Numeric	O	Blank
O Minimum Bill Amount	13 (440)	Numeric	O	As discussed, no partial payment allowed , amount must be same as Bill Amount :

Attachment 2

Out Bound

FIELD	LENGTH 440	ATTRIBUTE	REMARK
Bill Reference Number	13 453	Char	Must be unique under same Institution Code. As discussed , No Matrik or No KP
Separator	1 454	Char	Default as ' '
Send Date	8 462	Numeric	Processing date . ddmmyyyy
Separator	1 463	Char	Default as ' '
Transaction Reference Number	16 479	Char	BIMB system generated (Teller ID + sequence number)
Separator	1 480	Char	Default as ' '
Pick Amount	15 495	Numeric	12,2 Formatted as 999999999999.99 Eg: If the bill amount is 2,500.60, the value will contain ' 2500.60'
Separator	1 496	Char	Default as ' '
Student IC Number	14 500	Char	New Format IC
Separator	1 501	Char	Default as ' '
Credit Account Number	15 516	Numeric	BIMB collection account. System will base on the account determined by institution and credit to this account when is paid.

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Bill Amount	13	Numeric	O	Default to : Student Bill Amount.
Student ID	10	Char	O	Student Matrix No. Same as field in Bill Reference Number
Student IC Number	14	Char	O	Student New IC format Do not put '-'
Student Name	60	Char	M	Student name
Collection Account Number	16	Numeric	M	BIMB collection account. System will base on the account determined by institution and credit to this account when is paid. Eg : 0012029010050004
Status	1	Char	O	Default to : A Internal used.
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Due Date	8	Numeric	O	Blank Format is ddmmyyyy. System will reject the transaction if the bill is overdue. If no due date being sent from institution, the edit for exceed payment due date will be applied.
Status Transfer	1	Char	O	Blank Internal used.
Send Date	8	Numeric	O	ddmmyyyy Date institution send the data
Transfer Amount	4	Numeric	O	Blank
Minimum Bill Amount	13	Numeric	O	As discussed, no partial payment allowed , amount must be same as Bill Amount :

Attachment 2

Out Bound

FIELD	LENGTH	ATTRIBUTE	REMARK
Bill Reference Number	13	Char	Must be unique under same Institution Code. As discussed , No Matrik or No KP
Separator	1	Char	Default as ' '
Send Date	8	Numeric	Processing date . ddmmyyyy
Separator	1	Char	Default as ' '
Transaction Reference Number	16	Char	BIMB system generated (Teller ID + sequence number)
Separator	1	Char	Default as ' '
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