

System Requirements Specification – (26-06-2017)

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1. Revision History

Date	Version	Description	Author
27/03/2017	1.0	SRS	Janaka Indrajith Suranga Kulawardane

2. Introduction

Purpose

The idea of this SRS is to finalize the requirement for new commission & Incentive processes for the purpose of automate manual process as much as possible and introduce new features such as dynamic agent hierarchy defining, More validations, New required reports etc..

3. Overall Description

3.1. Background

Currently HNBA commission system is using by the Finance & Marketing departments. Marketing staff is used to maintain agent management module & Life support service unit is maintaining the Commission module.

3.1.1. Agent and Banc Assurance Maintain Process

In this process we are keeping all the details of Agents and Banc Assurance such as personal details, Educational details, Commission details, Retainer details, Incentive details etc...

Agent maintain process will start just after marketing staff got a physical file which contain agent details. After receiving the file they should feed the same agent details to TCS application as well BISCoa application but only BISCoa data is used to maintain the agent module and commission module.

Since there are agent hierarchy maintain limitations, Manual uploads and system maintain difficulties we have decided to implement this new application with a dynamic way by considering the new features and system enhancements requested.

In here especially we have considered agent reporting hierarchy module with both vertically and horizontally defining.

3.1.2. Commission Calculation Process

A commission is a form of payment to an agent in which the agent receives a percentage of the value of each transaction that a client makes.

According to the discussions, we have decided to calculate commissions up to cover level currently it is up to product level. Cover level commission supposed to calculate after the normal commission calculation since this is an addition commission. Please refer the processes to be implemented.

Receipts - Transfer Daily TCS receipts to Commission Application and currently there is an automated Process for this so we too using the same process for this. In the meantime BIS system Dollar receipts also transfer to commission application through a back end process.

Sys Vouchers - Transfer sys vouchers from TCS to commission system, since daily basis income transfer also happening there. Furthermore policy fee and renewal policy fee transfer to commission system according to the Transfer type such as (FST / FYP / RNW). (New Process required to implement). Especially when we transfer TCS Sys vouchers we are checking Commission system's PID balance availability too.

Refunds (TCS) - As we know there is a place in TCS system to feed the receipts numbers when the time of refund is happening. So we take those details and view to finance for the final confirmation. If the above mentioned receipt number entering place is not enough then the finance unit can refer the manual document too which is sending by the refunding staff. If the PID balance is higher than refund amount do the refund against PID balance if not starting from the last renewal receipt's available amount? (Refund Report is also available in MIS).

Refunds (Non TCS) - New Interface for user to do manual refunds for uploaded DPTS.

Cancellations / Cheque Returns - We are giving two interfaces for finance staff to view cancellations and Cheque returns done by the TCS and then they can confirm those records. After the confirmation, system will match with relevant receipts. For Cancellation (Reversals) we can identify original receipt by just removing the \R and for Cheque returns we can take the receipt number form the narration column.

Process – NonTCS DPTS - Manually upload excel files in to the commission system and if there are any systems available we are trying to get data from those databases.

Process - write-off - Manually upload write-off excel file and then view finance staff for their confirmation and update the PID balance as well as receipts amounts accordingly.

Commission Process - Then calculate the commission according to the given rates through the rule interface.

OR Commission Process - Then calculate the overriding commission according to the given rates through the overriding rule interface for both horizontal and vertical.

OR Commission Process - Then calculate the overriding commission according to the given rates through the overriding rule interface.

Accrued Commission Process - Calculate the commission same as normal commission calculation and the take the difference between should transferred and the Real Transferred.

3.1.2.1. Commission Calculation Rate Chart

RODUCT_CODE	PRODUCT_NAME	PRODUCT_NAME COMMISSION STRUCTUTRE - NON BANCASSURANCE								
1	PRADEEPA	 	Agents							
2	RANMAGA		Term	1st Year	2nd Year	3rd Year	4th Year	5th to 10th	11th Ye	
3	DEDUNU		5 to 9	10.00%	9.00%	8.00%	7.00%	2.50%	0.00%	
5	TERM ASSURANCE		10 to 14	20.00%	15.00%	10.00%	7.50%	3.00%	0.00%	
6	SINGLE PREMIUM - ENDOWMENT		15 to 40	30.00%	20.00%	15.00%	10.00%	5.00%	0.00%	
8	RASHMI									
9	RANKIRANA		Brokers							
17	SAVIYA		Term	1st Year	2nd Year	3rd Year	4th Year	5th to 10th	11th Ye	
18	MY LIFE		5 to 9	13.5%	9.0%	8.0%	7.0%	2.5%	0.0%	
19	THANGAARUWADAI		10 to 14	27.0%	15.0%	10.0%	7.5%	3.0%	0.0%	
20	MY FUND		15 to 40	40.0%	20.0%	15.0%	10.0%	5.0%	0.0%	
23	RANMAGA 2				20.070	10.070	10.070	0.070	0.07	
11	MCR - HNB		FIXED RA	TE - 8%						
12	GLP		FIXED RA	TE - 10%						
14	SATHKARA		FIXED RA	TE - 20%						
15			1st YEAR							
15	RANASWANU		2nd YEAR		S-5%					
16	SCHOLAR			1st Year	2nd Year	3rd Veer	4th Year	5th to 10th		
10	CONCLAR			30%	20%	15%	10%	5%		
21	MY FREEDOM		FIXED RA	TF - 3%						
22	MY FREEDOM REVISED		FIXED RA							
7	MRP		FIXED RA	TE - 5%						
10	TRIPLE POWER		FIXED RA	TE - 5%	4					
13	POWER 5 Series III POWER 4 Series 4 POWER 5 Series 4 POWER 5 Series 5 POWER 5 Series 6	PWR3	FIXED RAT FIXED RAT FIXED RAT FIXED RAT	E - 1.5% E - 2% E - 1.1%						
29	My Pention	MFP	FIXED RA							
	PRODUCT NAME			COMMISS	ION STRUC	TUTRE - BA	NCASSURA	ANCE		
1	PRADEEPA						1			
2	RANMAGA			1st Year	2nd Year	3rd Vear	4th to 10th			
3	DEDUNU			25%	15%	10%	5%			
5	TERM ASSURANCE			25%	15%	10%	5%			
6				25%	15%	10%	5%			
8	SINGLE PREMIUM – ENDOWMENT RASHMI	l -		2070	1370	1070	370			
9	RANKIRANA									
17	SAVIYA									
18	MY LIFE	-								
19	THANGAARUWADAI	l -								
20	MY FUND	!								
23	RANMAGA 2									
16	SCHOLAR			1st Year 30%	2nd Year 20%	3rd Year 15%	4th Year 10%	5th to 10th 5%		
12	GLP		FIXED RA	TE - 10%						
15	RANASWANU		1st YEAR 2nd YEAR	- 15% ONWARD	S - 5%					
21 22	MY FREEDOM MY FREEDOM REVISED		FIXED RA							

3.1.2.2. Commission Calculation Rate Chart - Alternative

		1 .	Pradeepa	1					
		2	Ranmaga	1					
		3	Dedunu		80-3		V		
7.1		5	Term Insurance	Term	1st Year	2nd Year	3rd Year	4th Year	5-10th Year
30	to-	2	Single Premium - Endowment	5-9	5%	4.5%	4%	3.5%	1.5%
		8	Rashmi	10-14	10%	7.5%	5%	4%	1.5%
	-	9	Rankirana	15-40	15%	10%	7.5%	5%	2.5%
		16	Scholar						
		17	Saviya	1					
		18	My Self	1	4.5		112		
		19	Thangaaruwadai	1					
Premium collection incentive (L)		20	my Fund]		22			
	-	11	MCR - HNB	Fixed Rate - 4%	1				
		12	GLP	Fixed Rate - 5%					
	6	14	Sathkara	Fixed Rate - 10%	1				
	7	15		1st Year - 7.5%	1				
			Ranaswanu	2nd Year onward - 2.5%					
		21	My Freedom	Fixed Rate - 1.5%					
	-	7	MRP	Fixed Rate - 2.5%	i				
	-	10	Triple Power	Fixed Rate - 2.5%	1				
	-	13	Power 5	Short Sate 484					
5	50000		Power 5 Series III	Fixed Rate - 1%	100				

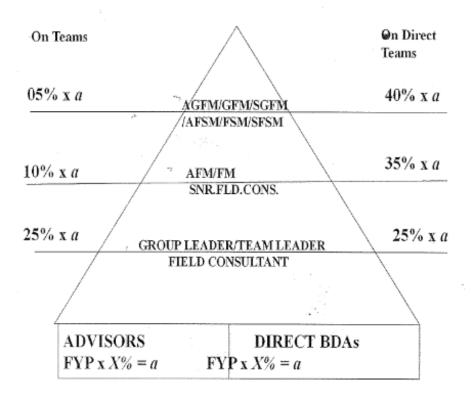
3.1.3. Overriding Commission Calculation Process

An extra or additional commission, which paid to an agent or broker on business sold by subagents in his or her territory.

This happens from individual level to group level (E.g. from Field Advisor to GL or TL). In between individual level no overriding take place. Also there are some levels which cannot assign for overriding, system allows to configure those levels (Eg.GL to TL) and there is something called GAP which means overriding commission happens by passing levels.

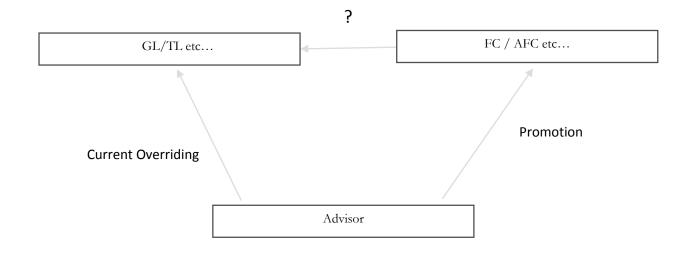
With this module we are maintaining the hierarchy both horizontal and vertical because Some people has to wait long time to get a promotion because of their reporting level won't allow since if they allow that they will miss the commission from the promoted party. So then even after the promotion we can assign a portion of the commission from promoted party to their previous superior.

3.1.3.1. Commission overriding rate chart



Example for proposed Commission overriding feature in graphically

According to the example GL or TL getting overriding commission from advisor as usual then the advisor promote to individual level (FC / AFC) after this GL/TL will not have overriding anymore as a solution for this we are implementing a feature for that GL/TL still can have some percentage of overriding commission. (Percentage still not decided)



3.1.4. Incentive Management process

Basically there are two incentive methods named as Bank Assurance & Field Staff incentives. In the Bank Assurance incentive method currently there are two incentive schemes as follows. As well as field staff incentive process can bifurcate such as Individual and Group paths. Under these two categories there are allowance types such as FST allowance, Target allowance, Retainer allowance, Advisor development allowance etc... also there are some defined levels such as GL, TL, SFC, FC, FSM and by considering all those given Categories, Allowance Types, Levels there are several calculation tables which is describing under the Field Staff incentives.

3.1.4.1. Bank Assurance Incentive Process

- 1. Incentive scheme for BAO's
 - Minimum achievement of NOP for the month 3, 4, 5 etc...
 - Compulsory except for BAO's less than one year

NBP (FST + FYP)	Reimbursement of Business expenses
Achievement 80% - 100%	1% of the NBP Achievements
Achievement 100% - 110%	2% of the NBP Achievements
Achievement 110% - 120%	3% of the NBP Achievements
Achievement 120% & Above	4% of the NBP Achievements

2. Incentive scheme for Executive

10% overriding commission of the attached BAO's incentives in the respective cluster in addition to receivable from their own branches.

3.1.4.1. Field Staff Incentive Process

Allowances Types can categorize as follows

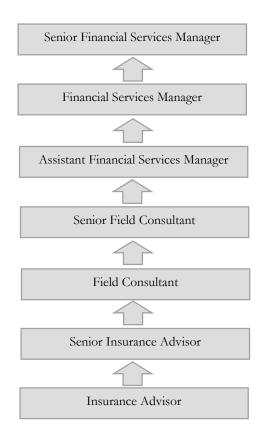
Individual

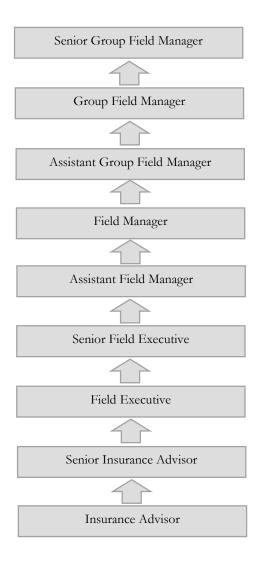
FST Allowance
 Target Allowance
 Yearly Payment

Group

Retainer Allowance
 Retainer bonus allowance
 Retainer arrears
 Advisor development allowance
 Group achievement
 Monthly Payment
 Monthly Payment

<u>Individual</u> <u>Group</u>





3.1.4.2. FST Allowance (Individual)

Advisors who are within 1st year from the date of appointment will get a FST allowance on a monthly basis, Maximum allowance will be Rs. 2500 (Configurable). After one year of the service period they will continue to enjoy the existing Target allowance.

No	Policies	FST Amount	FST Allowance
1	2	<5000	750
2	2	<7500	1000
3	2	<10000	1250
4	2	<12500	1500
5	2	<15000	1750
6	2	<25000	2500

3.1.4.3. Target Allowance (Individual)

For the Month	Rs.	Allowance Rs.
On Achieving MCFP	7500	1000
Additional MCFP	2500	250
FYP of	25000	1000
Addition FYP of	10000	500

• Insurance advisor & Senior Insurance Advisor

Insurance Advisor	Rs. 480000
Senior Insurance Advisor	Rs. 720000

Field Consultant

Annual New Business Premium (NBP) Target – 1.5M.

• Senior Field Consultant

Annual New Business Premium (NBP) Target – 2.0M.

Assistant Financial Service Manager

Annual New Business Premium (NBP) Target - 3.0M.

• Financial Service Manager

Annual New Business Premium (NBP) Target – 4.0M.

Senior Financial Service Manager

Annual New Business Premium (NBP) Target – 5.5M.

3.1.4.4. Group Path Level Procedure

Field Executive - GL

- Retainer allowance will base on monthly and cumulative achievement and will be paying the allowance on every month end. Maximum allowance will be Rs.6500/-.
- Retainer Bonus will be paying on every year end base on the highest achievement, maximum bonus will be Rs. 70200/-.
- Advisor development allowance will be 2500/-.

Senior Field Executive - TL

- Retainer allowance will base on monthly and cumulative achievement and will be paying the allowance on every month end. Maximum allowance will be Rs.9500/-.
- Retainer Bonus will be paying on every year end base on the highest achievement, maximum bonus will be Rs. 102600/-.
- Advisor development allowance will be 3500/-.

Assistant Field Manager (AFM)

- Retainer allowance will base on monthly and cumulative achievement and will be paying the allowance on every month end. Maximum allowance will be Rs.12000/-.
- Retainer Bonus will be paying on every year end base on the highest achievement, maximum bonus will be Rs. 129600/-.
- Advisor development allowance will be 4000/-.
- Group achievement allowance will base on cumulative group NBP achievement, maximum allowance will be Rs.8000/-.

Field Manager (FM)

- Retainer allowance will base on monthly and cumulative achievement and will be paying the allowance on every month end. Maximum allowance will be Rs.15000/-.
- Retainer Bonus will be paying on every year end base on the highest achievement, maximum bonus will be Rs. 129600/-.
- Advisor development allowance will be 5000/-.
- Group achievement allowance will base on cumulative group NBP achievement, maximum allowance will be Rs.9000/-.

Assistant Group Field Manager (AGFM)

- Retainer allowance will base on monthly and cumulative achievement and will be paying the allowance on every month end. Maximum allowance will be Rs.18000/-.
- Retainer Bonus will be paying on every year end base on the highest achievement, maximum bonus will be Rs. 194400/-.
- Advisor development allowance will be 6000/-.
- Group achievement allowance will base on cumulative group NBP achievement, maximum allowance will be Rs.10000/-.

Group Field Manager (GFM)

- Retainer allowance will base on monthly and cumulative achievement and will be paying the allowance on every month end. Maximum allowance will be Rs.22000/-.
- Retainer Bonus will be paying on every year end base on the highest achievement, maximum bonus will be Rs. 237600/-.
- Advisor development allowance will be 7000/-.
- Group achievement allowance will base on cumulative group NBP achievement, maximum allowance will be Rs.11000/-.

Senior Group Field Manager (SGFM)

- Retainer allowance will base on monthly and cumulative achievement and will be paying the allowance on every month end. Maximum allowance will be Rs.25000/-.
- Retainer Bonus will be paying on every year end base on the highest achievement, maximum bonus will be Rs. 270000/-.
- Advisor development allowance will be 8000/-.
- Group achievement allowance will base on cumulative group NBP achievement, maximum allowance will be Rs.13000/-.

3.1.4.5. Group Incentive Criteria

Field Management	Direct Team	Target (M)	Retainer	l	velopmer 50% P" Catego		wance			
FE(GL)	8	2	6,500		2,500					
SFE(TL)	8	3	9,500		3,500					
Field Management	Direct Team	NBP Target (M)	Retainer	NBP	"p" Category Advisors		Allo	chieven		Advisor Development Allowance_"P" Category Group Allowance
AFM	10	3.5	12,000	10	15	2,000	4,000	6,000	8,000	4,000
FM	10	4	15,000	12	20	2,500	5,000	8,000	9,000	5,000
AGFM	12	5	18,000	15	25	3,000	6,000	9,000	10,000	6,000
GFM	12	6	22,000	25	30	3,500	7,000	10,000	11,000	7,000
SGFM	12	7	25,000	30	35	4,000	8,000	12,000	13,000	8,000

Field Management	Direct Team	Group Target(Mn)	"P" Category Advisors	
GL	8	-	-	
TL	8	-	-	
AFM	10	10.0	15	
FM	10	12.0	20	
AGFM	12	15.0	25	
GFM	12	25.0	30	
SGFM	12	30.0	35	

3.1.4.6. Retainer Bonus

• Only Direct Team NBP Achievement applicable for this

GL	Achievement %	110- 124.99 %	125- 149.99 %	150- 174.99 %	175- 200 %	>200%
	Bonus	9000	15000	30000	58500	70200

TL	Achievement %	110- 124.99 %	125- 149.99 %	150- 174.99 %	175- 200 %	>200%
	Bonus	17100	28500	57000	85500	102600

AFM	Achievement %	110- 124.99 %	125- 149.99 %	150- 174.99 %	175- 200 %	>200%
	Bonus	21600	36000	72000	108000	129600

FM	Achievement %	110- 124.99 %	125- 149.99 %	150- 174.99 %	175- 200 %	>200%
	Bonus	27000	45000	90000	135000	162000

AGFM	Achievement %	110- 124.99 %	125- 149.99 %	150- 174.99 %	175- 200 %	>200%
	Bonus	32400	54000	108000	162000	194400

GFM	Achievement %	110- 124.99 %	125- 149.99 %	150- 174.99 %	175- 200 %	>200%
	Bonus	39600	66000	132000	198000	237600

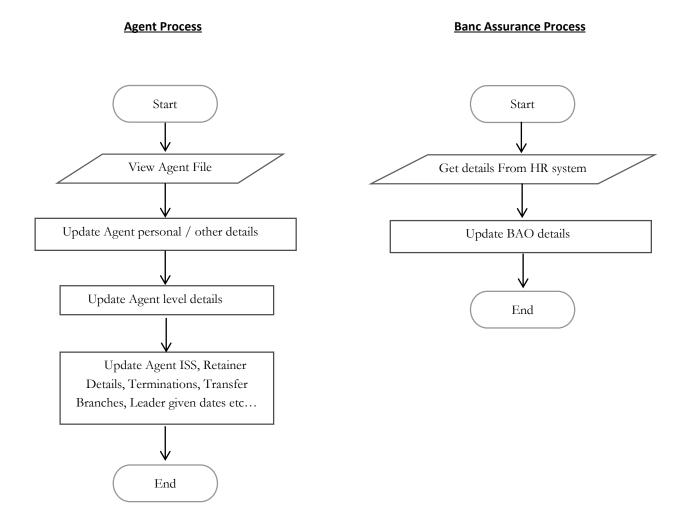
SGFM	Achievement %	110- 124.99 %	125- 149.99 %	150- 174.99 %	175- 200 %	>200%
	Bonus	45000	75000	150000	225000	270000

3.2 Objectives

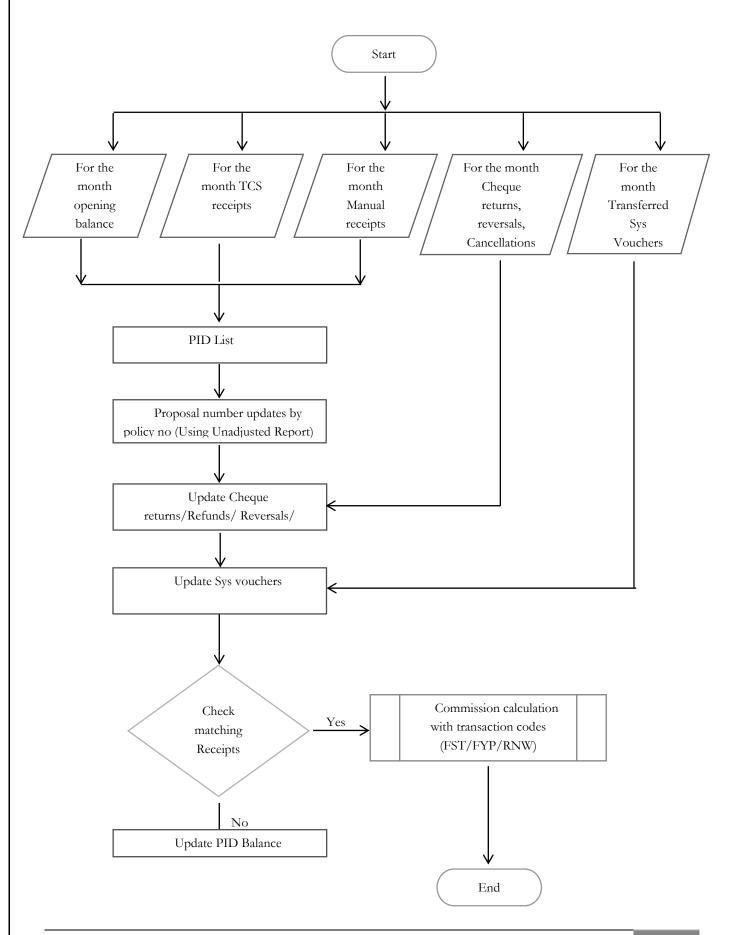
3.2.1 Design Diagrams

3.2.1.1. Flow Chart

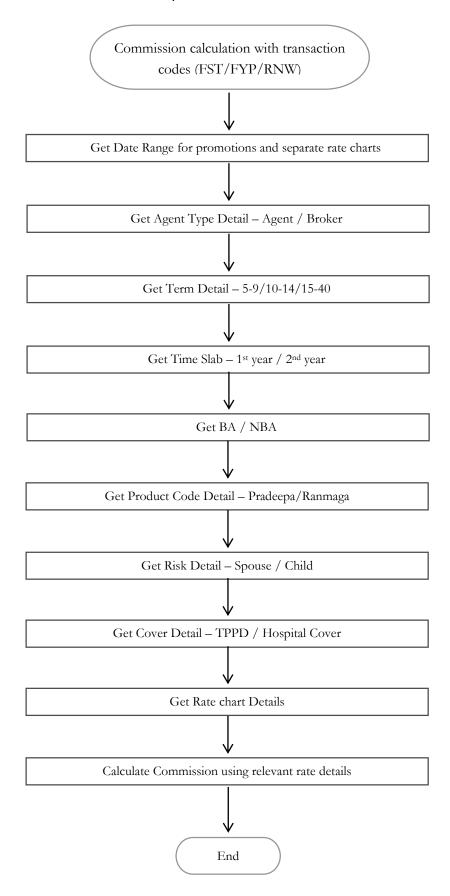
3.2.1.1.1. Flow chart 01 - Defines the main process of agent and Banc Assurance management module



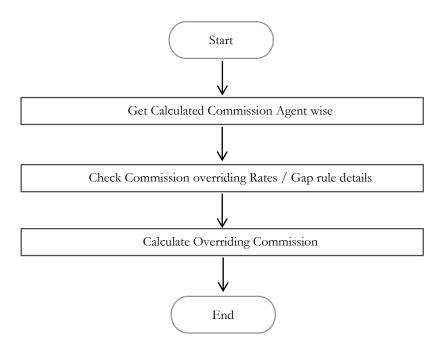
3.2.1.1.2. Flow chart 02 – Define the process of data gathering for commission calculation



3.2.1.1.3. Flow chart 03 – Define the process of commission calculation

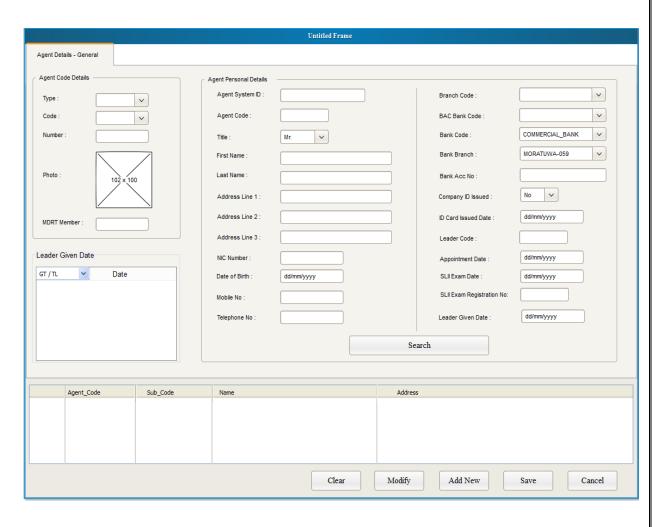


3.2.1.1.4. Flow chart 04 – Define the process of Commission Overriding

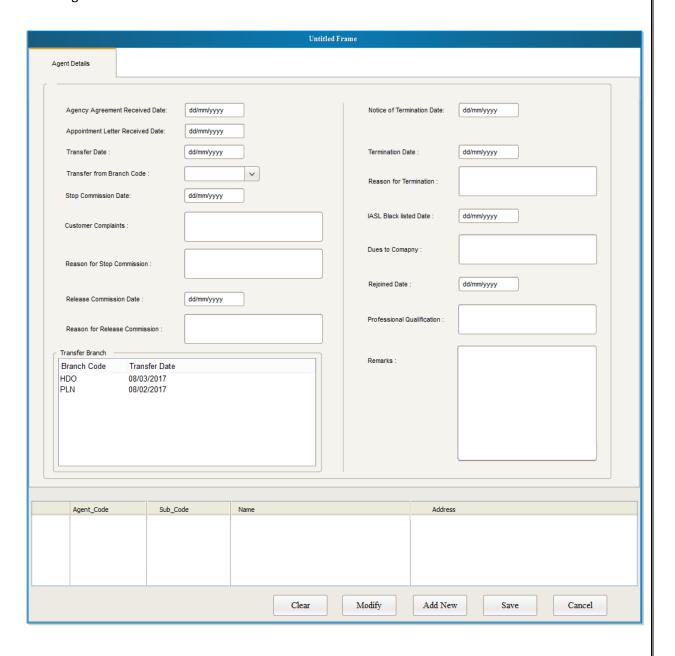


3.2.1.2. User Interface Designs

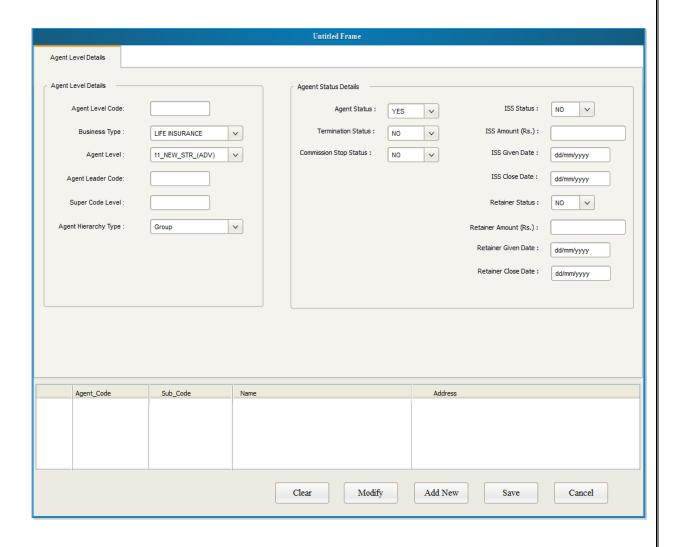
3.2.1.2.1. Agent Personal Details



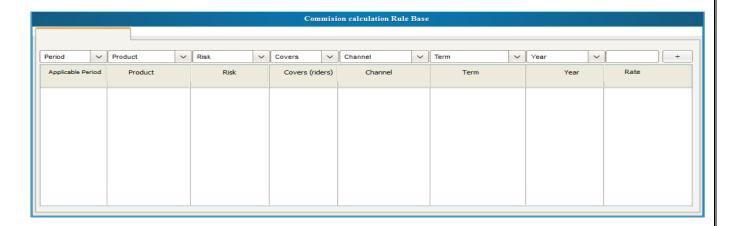
3.2.1.2.2. Agent Other Details



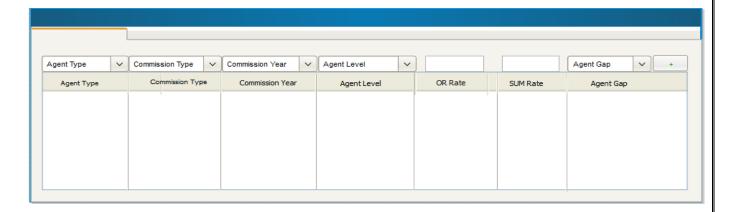
3.2.1.2.3. Agent Level Details



3.2.1.2.4. Commission Rule Define Interface



3.2.1.2.5. Commission Overriding Rule Define Interface



3.3. Reports

<u>Servicing unit reports List - (Date Range)</u>

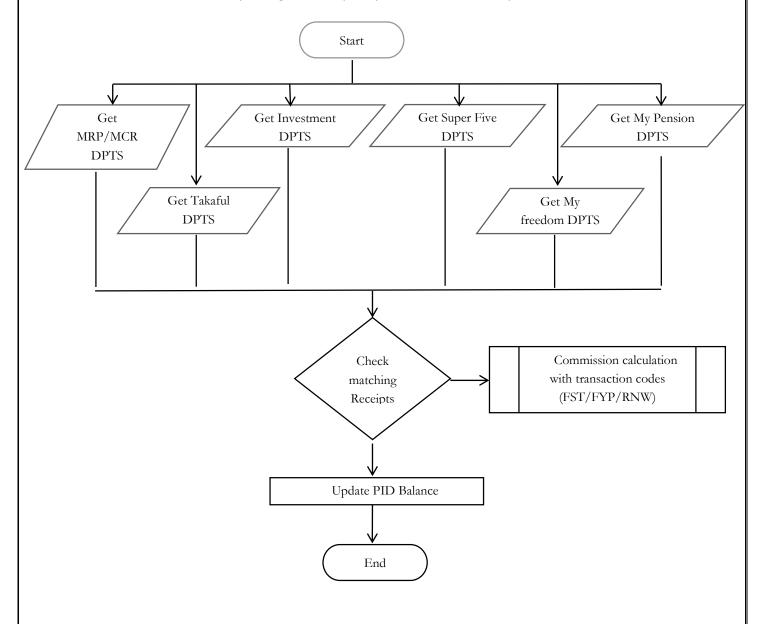
- 01. Commission Admin Expense GWP NON BAC
- 02. Commission Admin Expense GWP BAC
- 03. Cheque Returns Report
- 04. Refund Report
- 05. Main Data Base Report
- 06. Main Data TME
- 07. PID Life
- 08. NONBAC Advisor Commission statement
- 09. TME Commission Statement
- 10. Transfer Summery
- 11. BAC Advisor commission statement
- 12. Opening Balance Statement
- 13. Refund / Cheque Return Schedule

Marketing Reports List

- 01. Advisor Direct team report
- 02. Advisor Group team report
- 03. Advisor main report
- 04. Advisor report with date range
- 05. Policy report with date range (Branch MIS)
- 06. Mobile numbers List
- 07. Title Mr./Mrs.- List from Gender
- 08. Stop commission reason List
- 09. Termination reason List
- 10. Black list details List
- 11. Recoveries List
- 12. Preference Language

3.4. Other System Data

This system is working based on TCS data and few other systems. This will be calculating the agent commissions and incentives by taking TCS receipts (sys vouchers) & other systems DPTS details.



3.5. Unsolved issues

- 1. TCS APIs is pending for to integrate New Commission app and TCS agent module.
- 2. Pending reports formats.

3.6. Assumptions

- TCS will be providing APIs for **real time** communication with Agent management module so that we would be able to avoid duplicate agent detail feeding such as,
 - New advisor code entry
 - o Advisors reinstate
 - Team reallocation (leader code change)
 - o Bank Account details changes
 - o Advisors' Branches change
 - Advisors' demotion details
 - Advisors' basic details changes
 - o Advisors' status changes (Stop and Release Commission etc.)
- Cover level (Rider Level) commission will be calculating same as overriding commission calculation process since this is for extra covers and payment goes as an additional commission.
- For Non-TCS products, Until they come to systems (Applications) we have to continue the same process as now.(Upload DPTS files to new commission application)
- Please note that given interface designs may change when the time of implementation so please
 use those only for understanding purpose. Also For the incentive scheme there are no interface
 designs and flow charts given and there are more interfaces will be there more than attached.
- Reports Formats and all will be getting from the respective units.

3.7. Annexures			
Jir Amexares			

Responsible For	Name	Designation	Recommended/ Approved	Date	Signature
Agent	Mr. Nishantha	Executive – Life	Recommended		
Management & Incentive System	Dissanayake	Distribution			
Agent Management & Incentive System	Mr. Pathum Fernando	Executive – Life Distribution	Recommended		
Agent Management & Incentive System	Mr. Tharindu Munasinghe	Assistant Manager - Distribution	Recommended		
Commission System	Mr. Harshana Aponsu	Manager – Life Supporting Service	Recommended		
BA Incentive System	Mr. Ranjeewa Gunawardena	S. Executive - Distribution	Recommended		
BA Incentive System	Mr. Madhawa Gunarathne	Manager Banc assurance	Approved		
Commission System	Ms. Geethani Saram	Head of Life Supporting Service	Approved		
Overall System	Mr. Ivan Nicholas	Chief Business Officer	Approved		