Project Dictionary

Project Dictionary					
All Component Names	Component Type(s)	Part of Speech	Illustration Type Used In	File Names Submitted In	
Client issues a personnel request to Contract Manager	Main Success Scenario	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Client terminates contract with IESP	Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
2. Contract Manager validates the personnel request	Main Success Scenario	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
The personnel request is invalid Placement Department receives the personnel request	Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
and finds the qualified personnel	Main Success Scenario	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Qualifications of the personnel request is not found or not available Arrangement department receives the personnel request and settle an agreement	Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
with the prospective temporary employee	Main Success Scenario	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
4. Prospective Temporary Personnel rejects agreement placement	Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
 Appropriate documents are sent to appropriate parties and entered in the databases 	Main Success Scenario	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
5. Client does not pay the invoice	Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
6. Client hires the desired Info System Professional and agrees to pay the dues	Main Success Scenario	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
A = From Arrangement Department	Keys	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable	
a. Contract is expired	Sub - Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Address Address	Attribute Attribute	Noun Phrase Noun Phrase	IESP Logical ERD IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD	
Address	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD	
Address	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD	
Address	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Address	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Address	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Address Agreement with Contract Manager	Attribute Conditions	Noun Phrase Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD Rattan-R-Assn-4.6-DecTable	
Amount	Attribute	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD	Rattan-RAssn-5.4-LERD	
Amount	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Arrangement	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram	
Arrangement	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
Arrangement Department	DFD Source/Sink/External Entity Name	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram	
Arrangement Department	DFD Source/Sink/External Entity Name	Noun phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
Arrangement Department Ask Temporary Employee for Agreement	Actor Activity Name	Noun Phrase Verb Phrase	Use Case Diagram Activity Diagram	Rattan-R-Assn-4.4-UseCaseDiagram Rattan-R-Assn-4.3-Activity	
Availability	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD	
Availability	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Available Professional Staff	Database/Data Store	Noun phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
b. Personnel is not listed on the contract	Sub - Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
BillAmount	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD	
BillAmount BillingRate	Attribute Attribute	Noun Phrase Noun Phrase	IESP Relational ERD IESP Relational ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD	
c. Requested fee is out of range	Sub - Extensions	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Check Available Information Systems Professionals To Be Placed	DFD Process name	Verb Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1	
Checks Qualifications	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram	
Client	DFD Source/Sink/External Entity Name	Noun phrase	Conext diagram	RattanRAssn-2-Context Diagram	
Client	DFD Source/Sink/External Entity Name	Noun phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
Client CLIENT	Actor	Noun Phrase Noun Phrase	Use Case Diagram IESP Conceptual ERD	Rattan-R-Assn-4.4-UseCaseDiagram Rattan-RAssn-5.3-CERD	
CLIENT	Entity	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD	
CLIENT	Entity	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Client	Primary Actor	Noun Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Client calls in, faxes, mails, or emails a personnel request	Trigger	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Client need for employee	Precondition	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Client, ClientID	Stakeholders	Noun Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-5.4-LERD	
ClientID	Attribute Foreign Key	Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD	
ClientID, Fname, Lname	Foreign Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
ClientID, Fname,Lname	Primary Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Close Arrangements	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram	
Close Personnel Request	Activity Name	Verb Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity	
Close Staff Request CM = From Contract Manager	Use Case	Verb Pharse	Use Case Diagram Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.4-UseCaseDiagram	
Communication with Contract Manager	Conditions	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable	
Complete Arrangements	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram	
Contract	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram	
Contract	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
CONTRACT	Entity Entity	Noun Phrase Noun Phrase	IESP Conceptual ERD IESP Logical ERD	Rattan-RAssn-5.3-CERD Rattan-RAssn-5.4-LERD	
CONTRACT	Entity	Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD	
Contract and Request Review	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram	
Contract and Request Review	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
Contract and Request Review	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1	
Contract Manager	DFD Source/Sink/External Entity Name	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram	
Contract Manager	DFD Source/Sink/External Entity Name Actor	Noun phrase	Level 0 Diagram	RattanRAssn-3-Level Zero Rattan-R-Assn-4.4-UseCaseDiagram	
Contract Manager CONTRACT MANAGER	Entity	Noun Phrase Noun Phrase	Use Case Diagram IESP Conceptual ERD	Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-5.3-CERD	
CONTRACT MANAGER	Entity	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD	
CONTRACT MANAGER	Entity	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Contract Manager	Stakeholders	Noun Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase	
Contract Negotiation	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram	
Contract Number Entry	Data Flow Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
Contract Number Entry Contract Office	Data Flow Database/Data Store	Noun Phrase Noun phrase	Level 0 Diagram Level 0 Diagram	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero	
CONTRACT-INFO SYSTEMS PROFESSIONAL	Associative Entity	Noun Phrase	IESP Logical ERD	RattankAssn-3-Level Zero Rattan-RAssn-5.4-LERD	
CONTRACT-INFO SYSTEMS PROFESSIONAL	Associative Entity	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
ContractManagerID, Fname, LName	Primary Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
ContractManagerID, Fname, LName	Foreign Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
ContractManagerID, Fname, LName	Foreign Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
ContractNumber ContractNumber	Attribute Primary Key	Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD	
ContractNumber-PersonnelID,Fname,Lname,Last4	Primary Key Primary Key and Foreign Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD	
Contracts	Database/Data Store	Noun phrase	Level 0 Diagram	RattanRAssn-3-Level Zero	
ContractText	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD	

ContractText	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Create contract number	DFD Process name	Verb Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Create contract number	Courses of Actions	Verb phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Creates memo	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-useCaseDiagram
Date	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Date	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Date	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Date	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Date	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Date	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
DateSent	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
DateSent	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Deny Personnel Request	Activity Name	Verb Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
Documents = Personnel request and invoice	Notes	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Employee Hire	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram
Employee Hire	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Employee Hire	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Employee is placed	Success Guarantee	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase
Employee Placed	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-useCaseDiagram
EmployeeID	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
End (Solid Blue Circle with White Outer Ring)	Activity Stop Name	Verb Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
EndDate	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Entry of Outstanding Request	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Experience	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Experience	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
ExpirationDate	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
ExpirationDate	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
extend	Use Case Relationship	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram
extend	Use Case Relationship	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram
extend	Use Case Relationship	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4 4-UseCaseDiagram
extend	Use Case Relationship	Verb Pharse	Use Case Diagram Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram Rattan-R-Assn-4.4-UseCaseDiagram
	·	Noun Phrase		
FeeRange	Attribute		IESP Relational ERD	Rattan-RAssn-5.5-RERD
FeeRange	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Found?	Activity Branch	Noun Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
Has	ERD Relationship Name	Verb phrase	Conceptual Data Model	Rattan-RAssn-5.2-Many-Many
Has	ERD Relationship Name	Verb phrase	Conceptual Data Model	Rattan-RAssn-5.2-Many-Many
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
	ERD Relationship Name	Verb phrase		
Has	Actorionarip Hallic		IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	EPD Palationship Name		IESP Relational ERD	Rattan-RAssn-5.5-RERD
Has	ERD Relationship Name	Verb phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD
Has ID/Number	Attribute	Verb phrase Noun Phrase	IESP Relational ERD IESP Logical ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD
Has ID/Number ID/Number	Attribute Attribute	Verb phrase Noun Phrase Noun Phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD
Has ID/Number ID/Number include	Attribute Attribute Use Case Relationship	Verb phrase Noun Phrase Noun Phrase Verb Pharse	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-UseCaseDiagram
Has ID/Number ID/Number include include	Attribute Attribute Use Case Relationship Use Case Relationship	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram Use Case Diagram	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram
Has ID/Number ID/Number include include Info System Professional	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse Noun Phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD USe Case Diagram Use Case Diagram Written Use Case	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.5-UseCaseDiagram
Has ID/Number ID/Number Include Info System Professional Info Systems Professional	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse Noun Phrase Noun Phrase Noun phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram Use Case Diagram Written Use Case Context diagram	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-LISECaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.5-WrittentuseCase Rattan-RAssn-2-Context Diagram
Has ID/Number ID/Number include include Info System Professional Info Systems Professional Info Systems Professional	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name DFD Source/Sink/External Entity Name	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse Noun Phrase Noun phrase Noun phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram Use Case Diagram Written Use Case Context diagram Level O Diagram	Rattan-RAssn-S.5-RERD Rattan-RAssn-S.5-RERD Rattan-RAssn-S.4-LERD Rattan-RAssn-S.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-2-Context Diagram Rattan-RAssn-3-Level Zero
Has ID/Number ID/Number Include Info System Professional Info Systems Professional	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse Noun Phrase Noun Phrase Noun phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram Use Case Diagram Written Use Case Context diagram	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-LISECaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.5-WrittentuseCase Rattan-RAssn-2-Context Diagram
Has ID/Number ID/Number include include Info System Professional Info Systems Professional Info Systems Professional	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name DFD Source/Sink/External Entity Name	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse Noun Phrase Noun phrase Noun phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram Use Case Diagram Written Use Case Context diagram Level O Diagram	Rattan-RAssn-S.5-RERD Rattan-RAssn-S.5-RERD Rattan-RAssn-S.4-LERD Rattan-RAssn-S.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-2-Context Diagram Rattan-RAssn-3-Level Zero
Has ID/Number ID/Number include include Info System Professional Info Systems Professional Info Systems Professional Info Systems Professional	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name Actor	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse Noun Phrase Noun phrase Noun phrase Noun phrase Noun Phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram Use Case Diagram Written Use Case Context diagram Level O Diagram Use Case Diagram	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-2-Context Diagram Rattan-RAssn-2-Context Diagram Rattan-RAssn-3-Level Zero Rattan-RAssn-3-4-useCaseDiagram
Has ID/Number ID/Number include include Info System Professional Info Systems Professional Info Systems Professional Info Systems Professional INFO SYSTEMS PROFESSIONAL	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name DFD Source/Sink/External Entity Name Actor Entity	Verb phrase Noun Phrase Verb Pharse Verb Pharse Verb Pharse Noun Phrase	IESP Relational ERD IESP Logical ERD IESP Logical ERD Use Case Diagram Use Case Diagram Written Use Case Context diagram Level O Diagram Use Case Diagram Use Case Diagram	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-USECaseDiagram Rattan-RAssn-4.4-USECaseDiagram Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-3-1-WrittenUseCase Rattan-RAssn-3-1-WrittenUseCase Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-4-WrittenUseCase Rattan-RAssn-4-WrittenUseCase Rattan-RAssn-3-4-WrittenUseCase Rattan-RAssn-3-4-WrittenUseCase Rattan-RAssn-3-4-WrittenUseCase Rattan-RAssn-3-4-WrittenUseCase Rattan-RAssn-3-4-WrittenUseCase Rattan-RAssn-5-3-CERD
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Has ID/Number ID/Number include include Info Systems Professional Information Engineering Systems Personnel InfocystemsProfessionalIName Input data flow Input External Entity Invalid INVOICE INVOICE INVOICE INVOICE Invoice, Request Copy, UTF (Unable To Fill) Memo InvoiceID InvoiceID InvoiceID	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name DFD Source/Sink/External Entity Name Actor Entity Entity Entity DFD Process Name Primary Key Attribute Entity Activity Branch DataFlow Entity Entity Entity Continue Entity Entity Continue Entity Continue Entity Continue Entity Entity	Verb phrase Noun Phrase Noun Phrase Verb Pharse Verb Pharse Noun Phrase	IESP Relational ERD IESP Logical ERD USE Case Diagram Use Case Diagram Written Use Case Context diagram Level O Diagram Level O Diagram Use Case Diagram Level O Diagram Level O Diagram Use Case Diagram IESP Conceptual ERD IESP Relational ERD IESP Relational ERD Context diagram IESP Context Diagram IESP Relational ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-S-WrittenUseCase Rattan-RAssn-3.4-WrittenUseCase Rattan-RAssn-3-1-WrittenUseCase Rattan-RAssn-3-1-ERD Rattan-RAssn-3-1-ERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD
Has ID/Number In/Number Include Include Info System Professional Info Systems PROFESSIONAL Information Engineering Systems Personnel InfoSystemsProfessionalID, Fname, Lname, Last4 InfoSystemsProfessionalName Input data flow Input External Entity Involice INVOICE INVOICE INVOICE INVOICE Invoice, Request Copy, UTF (Unable To Fill) Memo InvoiceID InvoiceID Issue personal request	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name DFD Source/Sink/External Entity Name Actor Entity	Verb phrase Noun Phrase Verb Pharse Verb Pharse Verb Pharse Noun phrase	IESP Relational ERD IESP Logical ERD Use Case Diagram Use Case Diagram Use Case Diagram Level O Diagram Lese Diagram Lese Diagram Lese Diagram Lese Diagram Lese Diagram Lese Logical ERD IESP Relational ERD Context diagram Lese Relational ERD Context Diagram Intro Level O Diagram IESP Conceptual ERD LESP Relational ERD Level O Diagram LESP Relational ERD Level O Diagram LESP Relational ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-3-Level Zero Rattan-RAssn-3-Level Zero Rattan-RAssn-3-Level Zero Rattan-RAssn-5-S-ERD Rattan-RAssn-5-S-ERD Rattan-RAssn-5-S-RERD Rattan-RAssn-5-S-RERD Rattan-RAssn-1-Context Diagram Intro Rattan-R-Assn-1-Context Diagram Intro Rattan-R-Assn-3-A-LERD Rattan-R-Assn-3-A-RERD Rattan-R-Assn-3-RERD Rattan-R-Assn-5-RERD Rattan-R-Assn-5-RERD Rattan-R-Assn-5-S-RERD Rattan-R-Assn-5-S-RERD Rattan-R-Assn-5-S-RERD Rattan-R-Assn-5-S-RERD
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Has ID/Number ID/Number include include info Systems Professional Information Engineering Systems Personnel InfoSystemsProfessionalName Input data flow Input External Entity Invalid INVOICE INVOICE INVOICE INVOICE Invoice; Request Copy, UTF (Unable To Fill) Memo InvoiceiD InvoiceiD InvoiceiD Issue Personnel Request Issue Personnel Request JobTitle JobTitle Last4 Last4	Attribute Attribute Use Case Relationship Use Case Relationship Stakeholders DFD Source/Sink/External Entity Name DFD Source/Sink/External Entity Name Actor Entity Entity Entity DFD Process Name Primary Key Attribute Entity Use Take Nove Primary Key Foreign Key Foreign Key Foreign Key Eoreign Key Luse Case Use Case Use Case Use Case Use Case Use Case Attribute Attribute Attribute Attribute	Verb phrase Noun Phrase	IESP Relational ERD IESP Logical ERD Use Case Diagram Use Case Diagram Use Case Diagram Level O Diagram Lesp Conceptual ERD IESP Relational ERD Context diagram IESP Cogical ERD Context Diagram Intro Context Diagram Intro Context Diagram Intro Activity Diagram Intro Activity Diagram IESP Conceptual ERD IESP Relational ERD IESP Logical ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.4-UseCaseDiagram Rattan-RAssn-4.1-evel Zero Rattan-RAssn-4.1-evel Zero Rattan-RAssn-4.1-evel Zero Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-1-Context Diagram Intro Rattan-RAssn-5-4-ERD Rattan-RAssn-5-F-ERBD Rattan-RAssn-5-F-ERBD Rattan-RAssn-5-F-ERBD Rattan-RAssn-5-F-ERBD Rattan-RAssn-5-F-ERBD Rattan-RAssn-4-D-WrittenUseCase Rattan-RAssn-5-4-ERD Rattan-RAssn-5-4-ERD Rattan-RAssn-5-4-ERD Rattan-RAssn-5-4-ERD Rattan-RAssn-5-4-ERD Rattan-RAssn-5-4-ERD
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Maintain active contracts with Client	Courses of Actions	Verb phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Manage Arrangement	DFD Process name	verb phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Manage Contracts and Personnel Requests	DFD Process name	verb phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Manage Personnel Requests	DFD Process name	Verb Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Manage Qualifications	DFD Process name	Verb phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Mark Placement of Personnel	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Memo Memo	Data Flow Data Flow	Noun phrase Noun Phrase	Context diagram Level 0 Diagram	RattanRAssn-2-Context Diagram RattanRAssn-3-Level Zero
Memo	Activity Flow/Action	Noun Phrase	Activity Diagram	Rattan-R-Assn-3-Level Zero Rattan-R-Assn-4.3-Activity
MEMO	Entity	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
MEMO	Entity	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
MEMO	Entity	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Memo = Unable to Fill	Notes	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
MemoID,ContractNumber, Client Number	Primary Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
MemoText	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
N = No	Keys	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
N/A = Not Applicable	Keys	Adjective Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Name	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Name	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Name	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Name	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
NE = New	Keys	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Need for personnel Need for Temporary Personnel	Conditions DFD Process name	Noun Phrase Verb Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable Rattan-R-Assn-4.2-Level-1
Negotiate and Communicate with Contract Manager	DFD Process name	Verb Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
No	Activity Branch DataFlow	Noun Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
No outstanding debts from previous personnel requests	Precondition	Verb Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase
Notify and send documents to Client	Courses of Actions	Verb phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Notify and send documents to Client, including Memo	Courses of Actions	Verb phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Number/ID	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One and only one	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One and only one	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One and only one	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One and only one	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One and only one	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD Rattan-RAssn-5.3-CERD
One and only one One and only one	Relationship Relationship	Noun Phrase Noun Phrase	IESP Conceptual ERD IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One and only one	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One and only one	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One and only one	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One and only one	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One and only one	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One and only one One and only one	Relationship Relationship	Noun Phrase Noun Phrase	IESP Relational ERD IESP Relational ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD
One and only one	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One to Many	Relationship	Noun Phrase	Conceptual Data Model	Rattan-RAssn-5.2-Many-Many
One to Many	Relationship	Noun Phrase	Conceptual Data Model	Rattan-RAssn-5.2-Many-Many
One to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
One to Many	Relationship	Noun Phrase Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD
One to Many One to Many	Relationship Relationship	Noun Phrase Noun Phrase	IESP Logical ERD IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD
One to Many One to Many	Relationship	Noun Phrase Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD
One to Many	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One to Many	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One to Many	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One to Many	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One to Many	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One to Many	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One to Many	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One to Many	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One to Many	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
One to Many One to Many	Relationship	Noun Phrase Noun Phrase	IESP Relational ERD IESP Conceptual ERD	Rattan-RAssn-5.5-RERD Rattan-RAssn-5.3-CERD
One to winny				
One to Many	Relationship Relationship		•	
One to Many One to Many	Relationship	Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD
One to Many One to Many Output data flow		Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
One to Many	Relationship Relationship	Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD
One to Many Output data flow	Relationship Relationship Entity	Noun Phrase Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-R-Assn-1-Context Diagram Intro
One to Many Output data flow Outstanding	Relationship Relationship Entity Attribute	Noun Phrase Noun Phrase Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-R-Assn-1-Context Diagram Intro Rattan-RAssn-5.4-LERD
One to Many Output data flow Outstanding Outstanding (Y/N)	Relationship Relationship Entity Attribute Attribute	Noun Phrase Noun Phrase Noun Phrase Noun Phrase Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-R-Assn-1-Context Diagram Intro Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full Partial/Full	Relationship Relationship Entity Attribute Attribute Conditions Attribute Attribute	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-ReRD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full PAYMENT	Relationship Relationship Entity Attribute Attribute Conditions Attribute Attribute Entity	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD IESP Logical ERD IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD IESP Relational ERD IESP Conceptual ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-6DecTable Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full Partial/Full PAYMENT PAYMENT	Relationship Relationship Entity Attribute Attribute Conditions Attribute Attribute Entity Entity	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Dilagram Intro IESP Logical ERD IESP Logical ERD IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD IESP Relational ERD IESP Relational ERD IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.4-LERD Rattan-RAssn-5.3-CERD Rattan-RAssn-5.3-CERD Rattan-RAssn-5.4-LERD
One to Many Output data flow Outstanding (V/N) Outstanding (ebts of Client Partial/Full Partial/Full PAYMENT PAYMENT PAYMENT	Relationship Relationship Entity Attribute Attribute Conditions Attribute Attribute Entity Entity Entity Entity	Noun Phrase	IESP Logical ERD Context Diagram Intro IESP Relational ERD Context Diagram Intro IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD IESP Conceptual ERD IESP Logical ERD IESP Relational ERD IESP Relational ERD	Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-LERD Rattan-RAssn-5.5-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full PAYMENT PAYMENT PAYMENT PAYMENT PAYMENT PAYMENT PAYMENT	Relationship Relationship Entity Attribute Attribute Conditions Attribute Attribute Entity Entity Entity Attribute	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD IESP Conceptual ERD IESP Conceptual ERD IESP Relational ERD IESP Relational ERD IESP Relational ERD IESP Relational ERD	Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.3-CERD Rattan-RAssn-5.3-ERD Rattan-RAssn-5.3-ERD Rattan-RAssn-5.5-ERD Rattan-RAssn-5.5-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full Partial/Full PAYMENT	Relationship Relationship Entity Attribute Attribute Conditions Attribute Entity	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD IESP Logical ERD IESP Logical ERD IESP Logical ERD IESP Logical ERD	Rattan-RAssn-5.4-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-6.DecTable Rattan-RAssn-5.5-LERD Rattan-RAssn-5.5-LERD Rattan-RAssn-5.5-LERD Rattan-RAssn-5.5-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-LERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.5-RERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full Partial/Full PAYMENT PAYMENT PAYMENT PAYMENT PAYMENT PaymentID PaymentID PaymentID	Relationship Relationship Entity Attribute Attribute Conditions Attribute Entity Entity Entity Entity Entity Entity Entity Errimary Key Foreign Key	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD IESP Conceptual ERD IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full Partial/Full PAYMENT	Relationship Relationship Entity Attribute Attribute Conditions Attribute Attribute Entity Entity Entity Entity Entity Frimary Key Foreign Key Entity	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-ERD Rattan-RAssn-5.5-ERD Rattan-RAssn-5.5-ERD Rattan-RAssn-5.3-ERD Rattan-RAssn-5.3-ERD Rattan-RAssn-5.3-ERD Rattan-RAssn-5.5-ERD
One to Many Output data flow Outstanding Outstanding (Y/N) Outstanding debts of Client Partial/Full Partial/Full PAYMENT PAYMENT PAYMENT PaymentID PaymentID PaymentID Person	Relationship Relationship Entity Attribute Attribute Conditions Attribute Entity Entity Entity Entity Entity Entity Entity Errimary Key Foreign Key	Noun Phrase	IESP Logical ERD IESP Relational ERD Context Diagram Intro IESP Logical ERD IESP Relational ERD Decision Table of Level 1 DFD – Manage Personnel Requests IESP Logical ERD IESP Relational ERD IESP Conceptual ERD IESP Logical ERD IESP Relational ERD	Rattan-RAssn-5.4-ERD Rattan-RAssn-5.5-RERD

Personnel Request				
•	Database/Data Store Data Flow	Noun phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Personnel Request Personnel Request	Data Flow	Noun Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero
Personnel Request	Data Flow	Noun Phrase	Level 0 Diagram	RattankAssn-3-Level Zero
Personnel Request	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Personnel Request	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Personnel Request	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Personnel Request Personnel Request	Data Flow Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
•		Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Personnel Request	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Personnel Request	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Personnel Request	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Personnel Request PERSONNEL REQUEST	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
	Entity	Noun Phrase	IESP Conceptual ERD IESP Logical ERD	Rattan-RAssn-5.3-CERD
PERSONNEL REQUEST	Entity	Noun Phrase	-	Rattan-RAssn-5.4-LERD
PERSONNEL REQUEST	Entity	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
PersonnelID	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
PersonnelID	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
PersonnelID,Fname,LName	Primary Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
PersonnelName	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
PersonnelName	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
PersonnelReqID	Primary Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
PersonnelReqID	Foreign Key	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Phone Number	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Phone Number	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Phone Number	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Phone Number	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
PhoneNumber	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
PhoneNumber	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
PhoneNumber	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
PhoneNumber	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Placement Agreement	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram
Placement Agreement	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Placement Department	DFD Source/Sink/External Entity Name	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram
Placement Department	DFD Source/Sink/External Entity Name	Noun phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Placement Department	Actor	Noun Phrase	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram
Placement Department	Stakeholders	Noun Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase
Placement Request Approval	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram
Placement Request Approval	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Placement Request Approval	Data Flow	Noun Phrase	Level 1 DFD Diagram – Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Process Personnel Request	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram
Process that that transform data	Entity	Noun Phrase	Context Diagram Intro	Rattan-R-Assn-1-Context Diagram Intro
Provision of Personnel Placement	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram
Provision of Personnel Placement	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Qualifications Examination	Data Flow	Noun phrase	Context diagram	RattanRAssn-2-Context Diagram
Qualifications Examination	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Receive Contract	Activity Name	Verb Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
Received Valid Request	DFD Process name	Verb Phrase	Level 1 DFD Diagram - Manage Personnel Requests	Rattan-R-Assn-4.2-Level-1
Receiving External Entity	Entity	Noun Phrase	Context Diagram Intro	Rattan-R-Assn-1-Context Diagram Intro
Reject Personnel Request	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram
Request Closure	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
	Data Flow	Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Request, Invoice, Memo				
Request, Invoice, Memo Request, Memo, Invoice Copy	Data Flow	Noun Phrase		RattanRAssn-3-Level Zero
• • •		Noun Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Request, Memo, Invoice Copy Reservation of Personnel	Data Flow Data Flow	Noun Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications	Data Flow	Noun Phrase Noun Phrase Verb Phrase	Level 0 Diagram	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-R-Assn-4.3-Activity
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request	Data Flow Data Flow Activity Name Minimal Guarantee	Noun Phrase Noun Phrase Verb Phrase Verb Phrase	Level 0 Diagram Level 0 Diagram Activity Diagram	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-R-Assn-4.3-Activity Rattan-RAssn-4.5-WrittenUseCase
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, issue personal request Rule 1: NE N Y N N/A	Data Flow Data Flow Activity Name Minimal Guarantee	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4.3-Activity Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4.3-Activity Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, issue personal request Rule 1: NE N Y N N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-4-3-Activity Rattan-RAssn-4-5-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions Rules - Contitions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-3-Activity Rattan-RAssn-4-3-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A M/A N/A N/A Rule 10: Notify and send documents to Client	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-3-Activity Rattan-RAssn-4-3-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero Rattan-RAssn-3-Level Zero Rattan-RAssn-4.3-Activity Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 2: Send personnel request back to Client Rule 3: NE N Y Y Y	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4.3-Activity Rattan-RAssn-4.5-WrittenUseCase Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 2: Send personnel request back to Client Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4Activity Rattan-RAssn-4WrittenUseCase Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 3: NE N Y Y Y Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions Rules - Course of Actions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4.3-Activity Rattan-RAssn-4.3-Mctivity Rattan-RAssn-4.5-DecTable Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: NE N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Memistrian active contracts with Client Rule 4: NE N N N/A N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-Activity Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: NE N N N/A N/A Rule 5: Maintain active contracts with Client Rule 5: NE Y N N/A N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-S-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 20: NE N Y Y N Rule 20: NE N Y Y N Rule 3: Send personnel request back to Client Rule 3: NE N Y Y Y Rule 3: Send personnel request to Placement Rule 4: ME N N/A N/A Rule 5: Maintain active contracts with Client Rule 4: NE N N N/A N/A Rule 5: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 6: Create contract number, Issue personal request	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-Activity Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: NE N N N/A N/A Rule 5: Maintain active contracts with Client Rule 5: NE Y N N/A N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 10 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4Activity Rattan-RAssn-4S-WrittenUseCase Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 3: Send personnel request back to Client Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y N N/A N/A Rule 6: NE Y N N/A N/A Rule 6: NE Y N N/A N/A Rule 6: NE Y N N/A Rule 7: NE Y N N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Courses of Actions Rules - Course of Actions Rules - Courses of Actions Rules - Courses of Actions Rules - Conditions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: NE N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: ME N N N/A N/A Rule 5: Maintain active contracts with Client Rule 5: ME Y N N/A N/A Rule 5: Create contract number, Issue personal request Rule 6: NE Y N N/A N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions Rules - Courses of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4Sevil Zero Rattan-RAssn-4Sevil Zero Rattan-RAssn-4DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Re N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y N Rule 7: NE Y Y Y N Rule 7: NE Y Y Y N	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: NE N N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE N N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y N Rule 7: NE Y Y Y Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request back to Client	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-McIvity Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Re N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y N Rule 7: NE Y Y Y N Rule 7: NE Y Y Y N	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions Rules - Conditions Rules - Course of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: A N/A N/A N/A N/A Rule 10: A N/A N/A N/A N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 3: Send personnel request back to Client Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 6: NE Y Y Y N N/A Rule 7: Send personnel request back to Client Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-5-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Re N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: NE N N/A N/A Rule 5: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 6: Create contract number, Issue personal request Rule 6: NE Y N N/A N/A Rule 6: NE Y Y N N/A Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 8: Send personnel request to Placement Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4.S-WrittenUseCase Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 2: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: ME N N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 5: Me Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request to Placement Rule 8: Send personnel request to Placement Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Use Case	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero RattanRAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: Re N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request back to Client	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Verb Phrase Verb Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 2: Send personnel request back to Client Rule 2: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: NE N N N/A N/A Rule 5: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y N N/A N/A Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Verb Phrases Verb Phrases	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4.6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 2: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: ME N N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE N N N/A N/A Rule 5: ME Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: Send personnel request back to Client Rule 8: Send Personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send Marked Personnel request back to Client Send personnel request back to Client Settlement Agreed with Client	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Course of Actions Rules - Course of Actions Use Case Activity Name Courses of Actions Courses of Actions	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Verb Phrases Verb Phrase Verb Phrase Verb Phrase Verb Phrase Verb Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Re N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 5: NE Y N N/A N/A Rule 7: NE Y Y Y N Rule 6: NE Y Y N N/A Rule 7: Send personnel request to Placement Rule 8: Send personnel request to Client Rule 8: Send personnel request to Client Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A N/A Rule 9: CM N/A N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request to Placement	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Courses of Actions Lys - Case Activity Name Courses of Actions Data Flow	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Verb Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-R-Assn-4-1-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y N Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request to Placement Settlement Agreed with Client Signature	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Duse Case Activity Name Courses of Actions Data Flow Attribute	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Verb Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-4Level Zero RattanRAssn-4Level Zero RattanRAssn-4Sevel Zero Rattan-RAssn-4Sevel Zero Rattan-RAssn-4Sevel Zero Rattan-RAssn-4DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: ME N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request to Placement Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request to Placement Settlement Agreed with Client Signature Signature	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Cues - Course of Actions Use Case Activity Name Courses of Actions Data Flow Attribute Attribute Entity	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Verb Phrase Verb Phrase Verb Phrase Verb Phrase Verb Phrase Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero RattanRAssn-4-Sevel Zero Rattan-RAssn-4-Sevel Zero Rattan-RAssn-4-Sevel Zero Rattan-RAssn-4-Se-DecTable Rattan-R-Assn-4-Se-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 2: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: ME N N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A N/A Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A N/A N/A Rule 9: CM N/A N/A N/A N/A N/A Rule 9: CM N/A	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Cuses of Actions Use Case Activity Name Courses of Actions Ourses of Actions Data Flow Attribute Entity Attribute	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-4Level Zero RattanRAssn-4Level Zero RattanRAssn-4Sevel Zero Rattan-RAssn-4Sevel Zero Rattan-RAssn-4DecTable Rattan-RAssn-4.6-DecTable Rattan-RAssn-3-Activity Rattan-RAssn-3-Eveln-1 Rattan-RAssn-3-Eveln-1 Rattan-RAssn-3-Beran-Nany-Nany-Nany-Nany-Nany-Nany-Nany-Na
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 20: Send personnel request back to Client Rule 2: NE N Y Y Y Rule 3: Send personnel request to Placement Rule 3: NE N Y Y Y Rule 3: Send personnel request to Placement Rule 4: NE N N/A N/A Rule 5: Maintain active contracts with Client Rule 4: NE N N N/A N/A Rule 5: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 6: Create contract number, Issue personal request Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y Rule 8: Send personnel request back to Client Rule 8: NE Y Y Y Rule 8: Send personnel request to Placement Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request to Placement Settlement Agreed with Client Signature Signature Signature Skill Skill	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Cues - Course of Actions Use Case Activity Name Courses of Actions Data Flow Attribute Attribute Entity	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Verb Phrase Verb Phrase Verb Phrase Verb Phrase Verb Phrase Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero RattanRAssn-4-Sevel Zero Rattan-RAssn-4-Sevel Zero Rattan-RAssn-4-Sevel Zero Rattan-RAssn-4-Se-DecTable Rattan-R-Assn-4-Se-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 4: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 6: NE N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 8: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request back to Client Send personnel Request	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Cuse Case Activity Name Courses of Actions Data Flow Attribute Attribute Attribute Attribute	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Verb Phrases Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: NE N N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 5: NE Y N N/A N/A Rule 7: NE Y Y Y N Rule 6: NE Y Y N N/A Rule 7: Send personnel request back to Client Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A N/A Rule 9: Send personnel request to Client Send Marked Personnel Request Send Marked Personnel Request Send personnel request to Placement Settlement Agreed with Client Signature Signature Skill Skill Skill Skill Skill	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Course of Actions Cuse Cose Activity Name Courses of Actions Data Flow Attribute Attribute Attribute Attribute	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel R	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero RattanRAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-1-BecTable Rattan-RAssn-5-1-BecCD Rattan-RAss
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 3: Send personnel request back to Client Rule 3: Send personnel request to Placement Rule 4: NE N N/A N/A Rule 5: Maintain active contracts with Client Rule 4: NE N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 6: NE Y Y N N/A Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 8: Send personnel request back to Client Rule 8: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y N Rule 7: Send personnel request to Placement Rule 9: CM N/A N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents Send marked Personnel Request Send personnel request back to Client Send personnel Request	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Cuse Sae Activity Name Courses of Actions Data Flow Attribute Attribute Attribute Attribute Attribute Database/Data Store	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD — Manage Personnel Requests Decision Table of Level 1 DFD — Manage Personnel R	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-5-DecTable Rattan-RAssn-5-6-DecTable Rattan-RAssn-5-6-DecTable Rattan-RAssn-5-6-DecTable Rattan-RAssn-5-5-RERD Rattan-RAssn-5-5-RERD Rattan-RAssn-5-5-RERD Rattan-RAssn-5-6-LERD
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Re N Y Y N Rule 3: Send personnel request back to Client Rule 3: NE N Y Y Y Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 7: NE Y Y Y N Rule 8: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A N/A Rule 9: CM N/A N/A N/A N/A Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request to Placement Send marked Personnel Request Send personnel request to Placement Settlement Agreed with Client Signature Signature Signature Signature Skill Start (Solid Blue Circle)	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Courses of Actions Rules - Course of Actions Rules - Course of Actions Rules - Course of Actions Course - Conditions Rules - Course of Actions Course of Actions Use Case Activity Name Courses of Actions Courses of Actions Courses of Actions Data Flow Attribute Activity Execution Name	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision Table of Level 1 DFD – Manage Personnel R	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-1-ERD Rattan-RAssn-5-RERD Rattan
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 2: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: ME N N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A Sule 9: CM N/A N/A N/A Rule 9: CM N/A N/A Rule	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Cules - Courses of Actions Use Case Activity Name Courses of Actions Data Flow Attribute	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 10 Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision	RattanRAssn-3-Level Zero RattanRAssn-3-Level Zero RattanRAssn-4-Sevel Zero RattanRAssn-5-Sero
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 3: Send personnel request back to Client Rule 3: NE N Y Y Y Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: Maintain active contracts with Client Rule 5: NE Y N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 6: NE Y Y N N/A Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: NE Y Y Y Y Rule 8: Send personnel request to Placement Rule 9: Notify and send documents to Client, including Memo Send Documents Send Marked Personnel Request Send personnel request back to Client Send personnel request	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Conditions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Cuse Case Activity Name Courses of Actions Courses of Actions Data Flow Attribute Attribute Attribute Attribute Database/Data Store Activity Execution Name Attribute Database/Data Store Activity Execution Name Attribute Dource/Sint/External Entity Name	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Verb Phrase Noun Phrase	Level 0 Diagram Level 0 Diagram Level 0 Diagram Activity Diagram Written Use Case Decision Table of Level 1 DFD — Manage Personnel Requests Decision Table of Level 1 DFD — Manage Personnel R	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-4-1-ERD Rattan-RAssn-5-RERD Rattan
Request, Memo, Invoice Copy Reservation of Personnel Review Qualifications Rollback of any uncompleted request Rule 1: Create contract number, Issue personal request Rule 1: NE N Y N N/A Rule 10: Notify and send documents to Client Rule 2: NE N Y Y N Rule 10: Notify and send documents to Client Rule 2: Send personnel request back to Client Rule 2: Send personnel request to Placement Rule 3: Send personnel request to Placement Rule 4: Maintain active contracts with Client Rule 5: ME N N N/A N/A Rule 5: Maintain active contracts with Client Rule 6: NE Y N N/A N/A Rule 5: NE Y N N/A N/A Rule 6: Create contract number, Issue personal request Rule 6: NE Y Y N N/A Rule 7: NE Y Y Y N Rule 7: Send personnel request back to Client Rule 8: Send personnel request to Placement Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A Rule 9: CM N/A N/A N/A Sule 9: CM N/A N/A N/A Rule 9: CM N/A N/A Rule	Data Flow Data Flow Activity Name Minimal Guarantee Rules - Courses of Actions Rules - Conditions Rules - Consess of Actions Rules - Courses of Actions Rules - Conditions Rules - Courses of Actions Cules - Courses of Actions Use Case Activity Name Courses of Actions Data Flow Attribute	Noun Phrase Noun Phrase Verb Phrase Verb Phrase Verb Phrase Adjective, Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Noun, Verb Phrases Adjective, Noun, Verb Phrases Noun, Verb Phrases Verb Phrase Noun, Verb Phrases Noun Phrase	Level 0 Diagram Level 0 Diagram Level 10 Diagram Written Use Case Decision Table of Level 1 DFD – Manage Personnel Requests Decision	RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero RattanRAssn-4-Level Zero Rattan-RAssn-4-S-WrittenUseCase Rattan-RAssn-4-6-DecTable Rattan-RAssn-5-6-DecTable Rattan-RAssn-5-6-DecTable Rattan-RAssn-5-6-DecTable Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-3-4-Level Zero Rattan-RAssn-3-4-Level Rattan-RAssn-5-8-ERD Rattan-RAssn-3-4-Level Rattan-RAssn-5-8-ERD Rattan-RAssn-3-4-Level Rattan-RAssn-5-8-ERD Rattan-RAssn-3-4-Level Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-5-8-ERD Rattan-RAssn-3-4-Level Rattan-RAssn-3-4-Level Rattan-RAssn-3-4-Level Rattan-RAssn-3-4-Level Rattan-RAssn-3-4-Level Rattan-RAssn-3-8-Level Rattan-

TEMPORARY PERSONNEL	Entity	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
TEMPORARY PERSONNEL	Entity	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
TEMPORARY PERSONNEL	Entity	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Temporary Personnel	Stakeholders	Noun Phrase	Written Use Case	Rattan-RAssn-4.5-WrittenUseCase
Temporary Personnel Placed	Activity Name	Verb Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
Text	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Туре	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Туре	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Туре	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Туре	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Туре	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Туре	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Valid	Activity Branch DataFlow	Noun Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
Valid/Invalid	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Validate Personnel Request	Activity Name	Verb Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
Validate Personnel Request	Use Case	Verb Pharse	Use Case Diagram	Rattan-R-Assn-4.4-UseCaseDiagram
Validate Placement Request	DFD Process name	Verb phrase	Level 0 Diagram	RattanRAssn-3-Level Zero
Validity (Y/N)	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Y = Yes	Keys	Noun Phrase	Decision Table of Level 1 DFD – Manage Personnel Requests	Rattan-R-Assn-4.6-DecTable
Yes	Activity Branch DataFlow	Noun Phrase	Activity Diagram	Rattan-R-Assn-4.3-Activity
Zero to Many	Relationship	Noun Phrase	IESP Conceptual ERD	Rattan-RAssn-5.3-CERD
Zero to Many	Relationship	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Zero to Many	Relationship	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Zipcode	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Zipcode	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Zipcode	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Zipcode	Attribute	Noun Phrase	IESP Logical ERD	Rattan-RAssn-5.4-LERD
Zipcode	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Zipcode	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Zipcode	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD
Zipcode	Attribute	Noun Phrase	IESP Relational ERD	Rattan-RAssn-5.5-RERD