

Decision Table

If the deductible has been met, the amount to be reimbursed depends on whether or not the doctor or hospital is a preferred provider. For preferred providers, doctor's office visits are reimbursed at 65% and hospital visits are reimbursed at 95%. For other providers, reimbursement is at 50% for doctor's office visits or 80% for hospital visits. No charges are reimbursed to the patient until the deductible has been met.

R u l e s

Conditions	1	2	3	4	5	6	7	8
1. Deductible met	Y	Y	Y	Y	N	N	N	N
2. Preferred provider	Y	Y	N	N	Y	Y	N	N
3. Doctor's visit	Y	N	Y	N	Y	N	Y	N
Actions								
1. Reimburse 65%	X							
2. Reimburse 95%		X						
3. Reimburse 50%			X					
4. Reimburse 80%				X				
5. No reimbursement					X	X	X	X

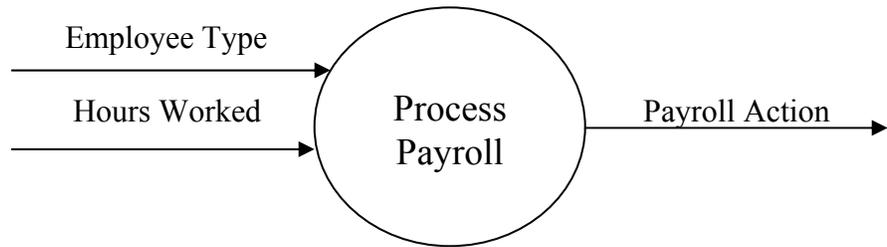
Simplified Decision Table

R u l e s



Conditions	1	2	3	4	5				
1. Deductible met	Y	Y	Y	Y	N				
2. Preferred provider	Y	Y	N	N	–				
3. Doctor's visit	Y	N	Y	N	–				
Actions									
1. Reimburse 65%	X								
2. Reimburse 95%		X							
3. Reimburse 50%			X						
4. Reimburse 80%				X					
5. No reimbursement					X				

Decision Table



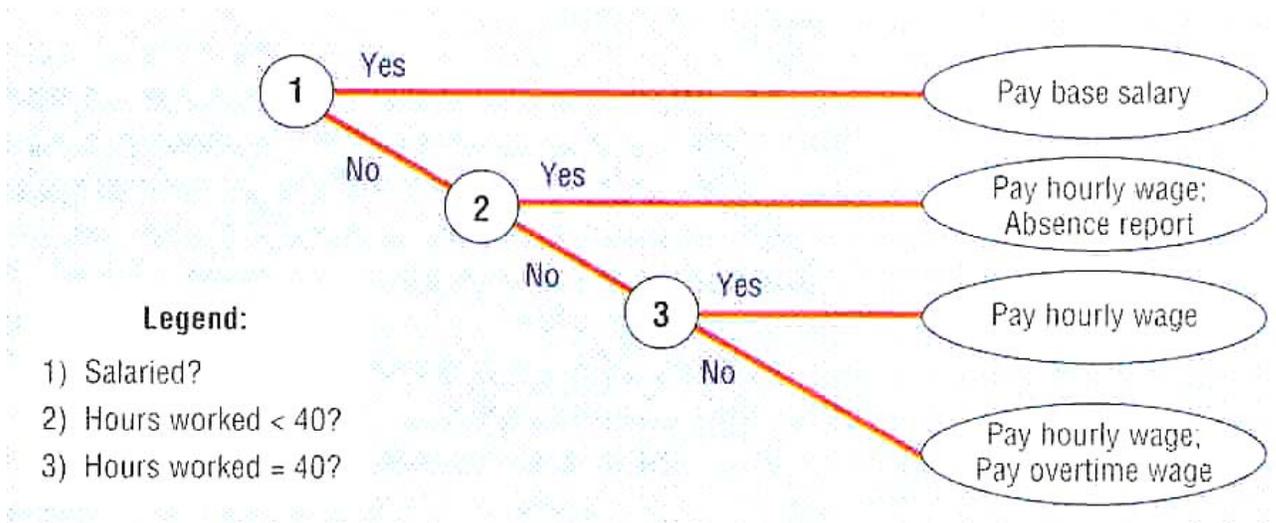
Decision Table (Untrimmed)

Conditions/ Courses of Action		Rules					
		1	2	3	4	5	6
Condition Stubs	Employee type	S	H	S	H	S	H
	Hours worked	<40	<40	40	40	>40	>40
Action Stubs	Pay base salary	X		X		X	
	Calculate hourly wage		X		X		X
	Calculate overtime						X
	Produce Absence Report		X				

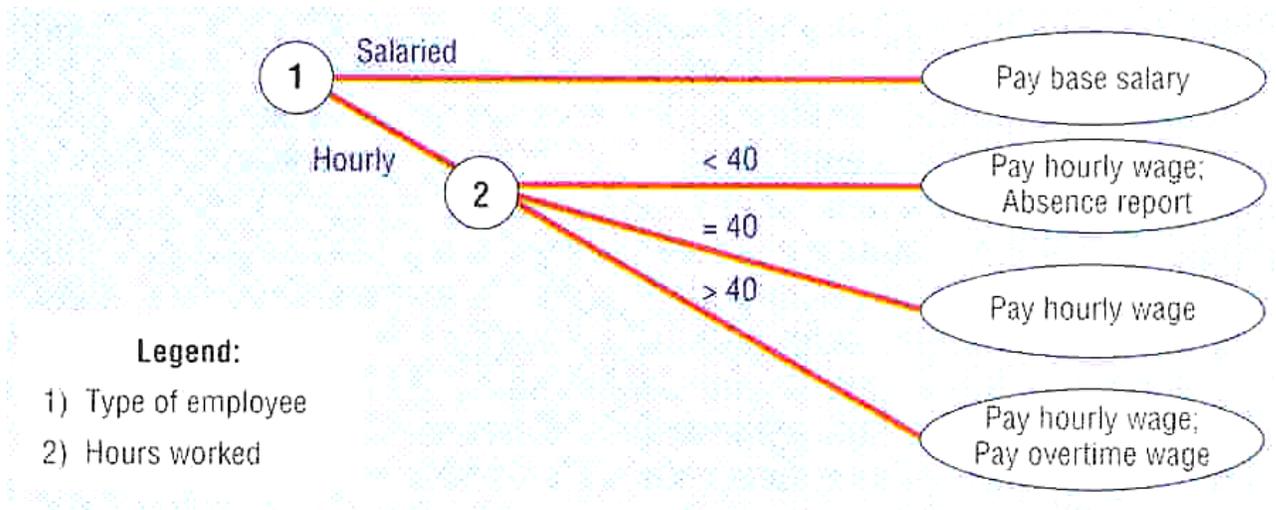
Decision Table (Trimmed)

Conditions/ Courses of Action		Rules			
		1	2	3	4
Employee type		S	H	H	H
Hours worked		-	<40	40	>40
Pay base salary		X			
Calculate hourly wage			X	X	X
Calculate overtime					X
Produce Absence Report			X		

Decision Tree (Untrimmed)



Decision Tree (Trimmed)



In-Class Assignment: Decision Tree

Build a decision tree for the following process

If the deductible has been met, the amount to be reimbursed depends on whether or not the doctor or hospital is a preferred provider. For preferred providers, doctor's office visits are reimbursed at 65% and hospital visits are reimbursed at 95%. For other providers, reimbursement is at 50% for doctor's office visits or 80% for hospital visits. No charges are reimbursed to the patient until the deductible has been met.

Draw a data flow diagram for the above process

In-Class Assignment: Decision Tree

Write structured English for the above process.

DFD Grading

	1	2	3	4
Error identified correctly	Y	Y	N	
Error corrected correctly	Y	N		
Correct item identified as error				Y
Give full credit (1/2 point)	X			
Give 0 points		X	X	X