

# Interactive Detail Report

Project: HW6Model

Run Date: 11/20/16 19:03

Model: Model (Academic, COMMERCIAL USE  
PROHIBITED)

Analyst Name: Dan Fanelli

Scenario: [Interactive Run]

## NumberAccumulated - Average

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	Content	0.00059
TimePath2	[Travelers]	Content	129.892
TimePath3	[Travelers]	Content	129.12879
TimePath6	[Travelers]	Content	5.17609
TimePath7	[Travelers]	Content	3.96037

## NumberAccumulated - Maximum

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	Content	2
TimePath2	[Travelers]	Content	262
TimePath3	[Travelers]	Content	268
TimePath6	[Travelers]	Content	16
TimePath7	[Travelers]	Content	11

## NumberAccumulated - Minimum

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	Content	0
TimePath2	[Travelers]	Content	0
TimePath3	[Travelers]	Content	0
TimePath6	[Travelers]	Content	0
TimePath7	[Travelers]	Content	0

## NumberCreated - Total

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	Throughput	10000

## NumberDestroyed - Total

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	Throughput	312

## NumberEntered - Total

Object Name	Data Source	Category	Value
Check_In	InputBuffer	Throughput	10000
Check_In	OutputBuffer	Throughput	861
Check_In	Processing	Throughput	864
CheckoutComputer1	Processing	Throughput	161
CheckoutComputer2	Processing	Throughput	154
Exam_Clerk_1	Processing	Throughput	164
Exam_Clerk_2	Processing	Throughput	167
Applican_Complete	InputBuffer	Throughput	312
Line_of_Applicants	OutputBuffer	Throughput	10000
TimePath1	[Travelers]	Throughput	10000
TimePath2	[Travelers]	Throughput	425
TimePath3	[Travelers]	Throughput	436
TimePath4	[Travelers]	Throughput	163
TimePath5	[Travelers]	Throughput	166

**NumberEntered - Total**

Object Name	Data Source	Category	Value
TimePath6	[Travelers]	Throughput	175
TimePath7	[Travelers]	Throughput	154
TimePath8	[Travelers]	Throughput	160
TimePath9	[Travelers]	Throughput	153

**NumberExited - Total**

Object Name	Data Source	Category	Value
Check_In	InputBuffer	Throughput	864
Check_In	OutputBuffer	Throughput	861
Check_In	Processing	Throughput	861
CheckoutComputer1	Processing	Throughput	160
CheckoutComputer2	Processing	Throughput	153
Exam_Clerk_1	Processing	Throughput	163
Exam_Clerk_2	Processing	Throughput	166
Applican_Complete	InputBuffer	Throughput	312
Line_of_Applicants	OutputBuffer	Throughput	10000
TimePath1	[Travelers]	Throughput	10000
TimePath2	[Travelers]	Throughput	164
TimePath3	[Travelers]	Throughput	167
TimePath4	[Travelers]	Throughput	163
TimePath5	[Travelers]	Throughput	166
TimePath6	[Travelers]	Throughput	161
TimePath7	[Travelers]	Throughput	154
TimePath8	[Travelers]	Throughput	159
TimePath9	[Travelers]	Throughput	153

**NumberInStation - Average**

Object Name	Data Source	Category	Value
Check_In	InputBuffer	Content	8648.62638
Check_In	Processing	Content	2.99788
CheckoutComputer1	Processing	Content	0.96371
CheckoutComputer2	Processing	Content	0.95051
Exam_Clerk_1	Processing	Content	0.99493
Exam_Clerk_2	Processing	Content	0.99538

**NumberInStation - Maximum**

Object Name	Data Source	Category	Value
Check_In	InputBuffer	Content	9846
Check_In	Processing	Content	3
CheckoutComputer1	Processing	Content	1
CheckoutComputer2	Processing	Content	1
Exam_Clerk_1	Processing	Content	1
Exam_Clerk_2	Processing	Content	1

**NumberInStation - Minimum**

Object Name	Data Source	Category	Value
Check_In	InputBuffer	Content	0
Check_In	Processing	Content	0
CheckoutComputer1	Processing	Content	0
CheckoutComputer2	Processing	Content	0
Exam_Clerk_1	Processing	Content	0
Exam_Clerk_2	Processing	Content	0

**NumberInSystem - Average**

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	Content	8931.90158

**NumberInSystem - Maximum**

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	Content	9950

**NumberInSystem - Minimum**

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	Content	0

**NumberOnLink - Average**

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	Content	6.94444
TimePath2	[Travelers]	Content	130.18714
TimePath3	[Travelers]	Content	129.43089
TimePath4	[Travelers]	Content	0.12162
TimePath5	[Travelers]	Content	0.1238
TimePath6	[Travelers]	Content	5.29761
TimePath7	[Travelers]	Content	4.06732
TimePath8	[Travelers]	Content	0.11067
TimePath9	[Travelers]	Content	0.10625

**NumberOnLink - Maximum**

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	Content	120
TimePath2	[Travelers]	Content	262
TimePath3	[Travelers]	Content	269
TimePath4	[Travelers]	Content	1
TimePath5	[Travelers]	Content	1
TimePath6	[Travelers]	Content	16
TimePath7	[Travelers]	Content	11
TimePath8	[Travelers]	Content	1
TimePath9	[Travelers]	Content	1

**NumberOnLink - Minimum**

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	Content	0
TimePath2	[Travelers]	Content	0
TimePath3	[Travelers]	Content	0
TimePath4	[Travelers]	Content	0
TimePath5	[Travelers]	Content	0
TimePath6	[Travelers]	Content	0
TimePath7	[Travelers]	Content	0
TimePath8	[Travelers]	Content	0
TimePath9	[Travelers]	Content	0

**NumberWaiting - Average**

Object Name	Data Source	Category	Value
CheckoutComputer1	Processing	EntryQueue	5.17609
CheckoutComputer2	Processing	EntryQueue	3.96037
Exam_Clerk_1	Processing	EntryQueue	129.892
Exam_Clerk_2	Processing	EntryQueue	129.12879

**NumberWaiting - Maximum**

Object Name	Data Source	Category	Value
CheckoutComputer1	Processing	EntryQueue	16

**NumberWaiting - Maximum**

Object Name	Data Source	Category	Value
CheckoutComputer2	Processing	EntryQueue	11
Exam_Clerk_1	Processing	EntryQueue	262
Exam_Clerk_2	Processing	EntryQueue	268

**NumberWaiting - Minimum**

Object Name	Data Source	Category	Value
CheckoutComputer1	Processing	EntryQueue	0
CheckoutComputer2	Processing	EntryQueue	0
Exam_Clerk_1	Processing	EntryQueue	0
Exam_Clerk_2	Processing	EntryQueue	0

**ScheduledUtilization - Percent**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	99.9294
CheckoutComputer1	[Resource]	Capacity	96.37106
CheckoutComputer2	[Resource]	Capacity	95.05052
Exam_Clerk_1	[Resource]	Capacity	99.49282
Exam_Clerk_2	[Resource]	Capacity	99.5378

**TimeInStation - Average**

Object Name	Data Source	Category	Value
Check_In	InputBuffer	HoldingTime	11.9046
Check_In	Processing	HoldingTime	0.08346
CheckoutComputer1	Processing	HoldingTime	0.14452
CheckoutComputer2	Processing	HoldingTime	0.1487
Exam_Clerk_1	Processing	HoldingTime	0.14606
Exam_Clerk_2	Processing	HoldingTime	0.14335

**TimeInStation - Maximum**

Object Name	Data Source	Category	Value
Check_In	InputBuffer	HoldingTime	23.55525
Check_In	Processing	HoldingTime	0.14642
CheckoutComputer1	Processing	HoldingTime	0.27383
CheckoutComputer2	Processing	HoldingTime	0.28073
Exam_Clerk_1	Processing	HoldingTime	0.22144
Exam_Clerk_2	Processing	HoldingTime	0.21499

**TimeInStation - Minimum**

Object Name	Data Source	Category	Value
Check_In	InputBuffer	HoldingTime	0
Check_In	Processing	HoldingTime	0.02546
CheckoutComputer1	Processing	HoldingTime	0.02638
CheckoutComputer2	Processing	HoldingTime	0.03154
Exam_Clerk_1	Processing	HoldingTime	0.07316
Exam_Clerk_2	Processing	HoldingTime	0.07799

**TimeInSystem - Average**

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	FlowTime	12.3058
Applican_Complete	[DestroyedObjects]	FlowTime	12.3058

**TimeInSystem - Maximum**

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	FlowTime	23.76417
Applican_Complete	[DestroyedObjects]	FlowTime	23.76417

**TimeInSystem - Minimum**

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	FlowTime	0.45977
Applican_Complete	[DestroyedObjects]	FlowTime	0.45977

**TimeInSystem - Observations**

Object Name	Data Source	Category	Value
DefaultEntity	[Population]	FlowTime	312
Applican_Complete	[DestroyedObjects]	FlowTime	312

**TimeOnLink - Average**

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	FlowTime	0.01667
TimePath2	[Travelers]	FlowTime	7.40965
TimePath3	[Travelers]	FlowTime	7.20623
TimePath4	[Travelers]	FlowTime	0.01791
TimePath5	[Travelers]	FlowTime	0.0179
TimePath6	[Travelers]	FlowTime	0.72648
TimePath7	[Travelers]	FlowTime	0.63387
TimePath8	[Travelers]	FlowTime	0.01667
TimePath9	[Travelers]	FlowTime	0.01667

**TimeOnLink - Maximum**

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	FlowTime	0.01667
TimePath2	[Travelers]	FlowTime	14.64512
TimePath3	[Travelers]	FlowTime	14.39681
TimePath4	[Travelers]	FlowTime	0.01803
TimePath5	[Travelers]	FlowTime	0.01803
TimePath6	[Travelers]	FlowTime	1.52691
TimePath7	[Travelers]	FlowTime	1.51982
TimePath8	[Travelers]	FlowTime	0.01667
TimePath9	[Travelers]	FlowTime	0.01667

**TimeOnLink - Minimum**

Object Name	Data Source	Category	Value
TimePath1	[Travelers]	FlowTime	0.01667
TimePath2	[Travelers]	FlowTime	0.01667
TimePath3	[Travelers]	FlowTime	0.01667
TimePath4	[Travelers]	FlowTime	0.01779
TimePath5	[Travelers]	FlowTime	0.01779
TimePath6	[Travelers]	FlowTime	0.01667
TimePath7	[Travelers]	FlowTime	0.01667
TimePath8	[Travelers]	FlowTime	0.01667
TimePath9	[Travelers]	FlowTime	0.01667

**TimeProcessing - Average**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	23.98306
CheckoutComputer1	[Resource]	ResourceState	4.62581
CheckoutComputer2	[Resource]	ResourceState	2.85152
Exam_Clerk_1	[Resource]	ResourceState	23.87828
Exam_Clerk_2	[Resource]	ResourceState	23.88907

**TimeProcessing - Occurrences**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	1
CheckoutComputer1	[Resource]	ResourceState	5
CheckoutComputer2	[Resource]	ResourceState	8
Exam_Clerk_1	[Resource]	ResourceState	1
Exam_Clerk_2	[Resource]	ResourceState	1

**TimeProcessing - Percent**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	99.9294
CheckoutComputer1	[Resource]	ResourceState	96.37106
CheckoutComputer2	[Resource]	ResourceState	95.05052
Exam_Clerk_1	[Resource]	ResourceState	99.49282
Exam_Clerk_2	[Resource]	ResourceState	99.5378

**TimeProcessing - Total**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	23.98306
CheckoutComputer1	[Resource]	ResourceState	23.12906
CheckoutComputer2	[Resource]	ResourceState	22.81213
Exam_Clerk_1	[Resource]	ResourceState	23.87828
Exam_Clerk_2	[Resource]	ResourceState	23.88907

**TimeStarved - Average**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	0.01694
CheckoutComputer1	[Resource]	ResourceState	0.17419
CheckoutComputer2	[Resource]	ResourceState	0.14848
Exam_Clerk_1	[Resource]	ResourceState	0.12172
Exam_Clerk_2	[Resource]	ResourceState	0.11093
Server1	[Resource]	ResourceState	24

**TimeStarved - Occurrences**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	1
CheckoutComputer1	[Resource]	ResourceState	5
CheckoutComputer2	[Resource]	ResourceState	8
Exam_Clerk_1	[Resource]	ResourceState	1
Exam_Clerk_2	[Resource]	ResourceState	1
Server1	[Resource]	ResourceState	1

**TimeStarved - Percent**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	0.0706
CheckoutComputer1	[Resource]	ResourceState	3.62894
CheckoutComputer2	[Resource]	ResourceState	4.94948
Exam_Clerk_1	[Resource]	ResourceState	0.50718
Exam_Clerk_2	[Resource]	ResourceState	0.4622
Server1	[Resource]	ResourceState	100

**TimeStarved - Total**

Object Name	Data Source	Category	Value
Check_In	[Resource]	ResourceState	0.01694
CheckoutComputer1	[Resource]	ResourceState	0.87094
CheckoutComputer2	[Resource]	ResourceState	1.18787

**TimeStarved - Total**

Object Name	Data Source	Category	Value
Exam_Clerk_1	[Resource]	ResourceState	0.12172
Exam_Clerk_2	[Resource]	ResourceState	0.11093
Server1	[Resource]	ResourceState	24

**TimeWaiting - Average**

Object Name	Data Source	Category	Value
CheckoutComputer1	Processing	EntryQueue	0.70981
CheckoutComputer2	Processing	EntryQueue	0.6172
Exam_Clerk_1	Processing	EntryQueue	7.39299
Exam_Clerk_2	Processing	EntryQueue	7.18957

**TimeWaiting - Maximum**

Object Name	Data Source	Category	Value
CheckoutComputer1	Processing	EntryQueue	1.51025
CheckoutComputer2	Processing	EntryQueue	1.50315
Exam_Clerk_1	Processing	EntryQueue	14.62845
Exam_Clerk_2	Processing	EntryQueue	14.38014

**TimeWaiting - Minimum**

Object Name	Data Source	Category	Value
CheckoutComputer1	Processing	EntryQueue	0
CheckoutComputer2	Processing	EntryQueue	0
Exam_Clerk_1	Processing	EntryQueue	0
Exam_Clerk_2	Processing	EntryQueue	0

**UnitsAllocated - Total**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	864
CheckoutComputer1	[Resource]	Capacity	161
CheckoutComputer2	[Resource]	Capacity	154
Exam_Clerk_1	[Resource]	Capacity	164
Exam_Clerk_2	[Resource]	Capacity	167

**UnitsScheduled - Average**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	3
CheckoutComputer1	[Resource]	Capacity	1
CheckoutComputer2	[Resource]	Capacity	1
Exam_Clerk_1	[Resource]	Capacity	1
Exam_Clerk_2	[Resource]	Capacity	1

**UnitsScheduled - Maximum**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	3
CheckoutComputer1	[Resource]	Capacity	1
CheckoutComputer2	[Resource]	Capacity	1
Exam_Clerk_1	[Resource]	Capacity	1
Exam_Clerk_2	[Resource]	Capacity	1

**UnitsScheduled - Minimum**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	3
CheckoutComputer1	[Resource]	Capacity	1
CheckoutComputer2	[Resource]	Capacity	1
Exam_Clerk_1	[Resource]	Capacity	1
Exam_Clerk_2	[Resource]	Capacity	1

**UnitsUtilized - Average**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	2.99788
CheckoutComputer1	[Resource]	Capacity	0.96371
CheckoutComputer2	[Resource]	Capacity	0.95051
Exam_Clerk_1	[Resource]	Capacity	0.99493
Exam_Clerk_2	[Resource]	Capacity	0.99538

**UnitsUtilized - Maximum**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	3
CheckoutComputer1	[Resource]	Capacity	1
CheckoutComputer2	[Resource]	Capacity	1
Exam_Clerk_1	[Resource]	Capacity	1
Exam_Clerk_2	[Resource]	Capacity	1

**UnitsUtilized - Minimum**

Object Name	Data Source	Category	Value
Check_In	[Resource]	Capacity	0
CheckoutComputer1	[Resource]	Capacity	0
CheckoutComputer2	[Resource]	Capacity	0
Exam_Clerk_1	[Resource]	Capacity	0
Exam_Clerk_2	[Resource]	Capacity	0