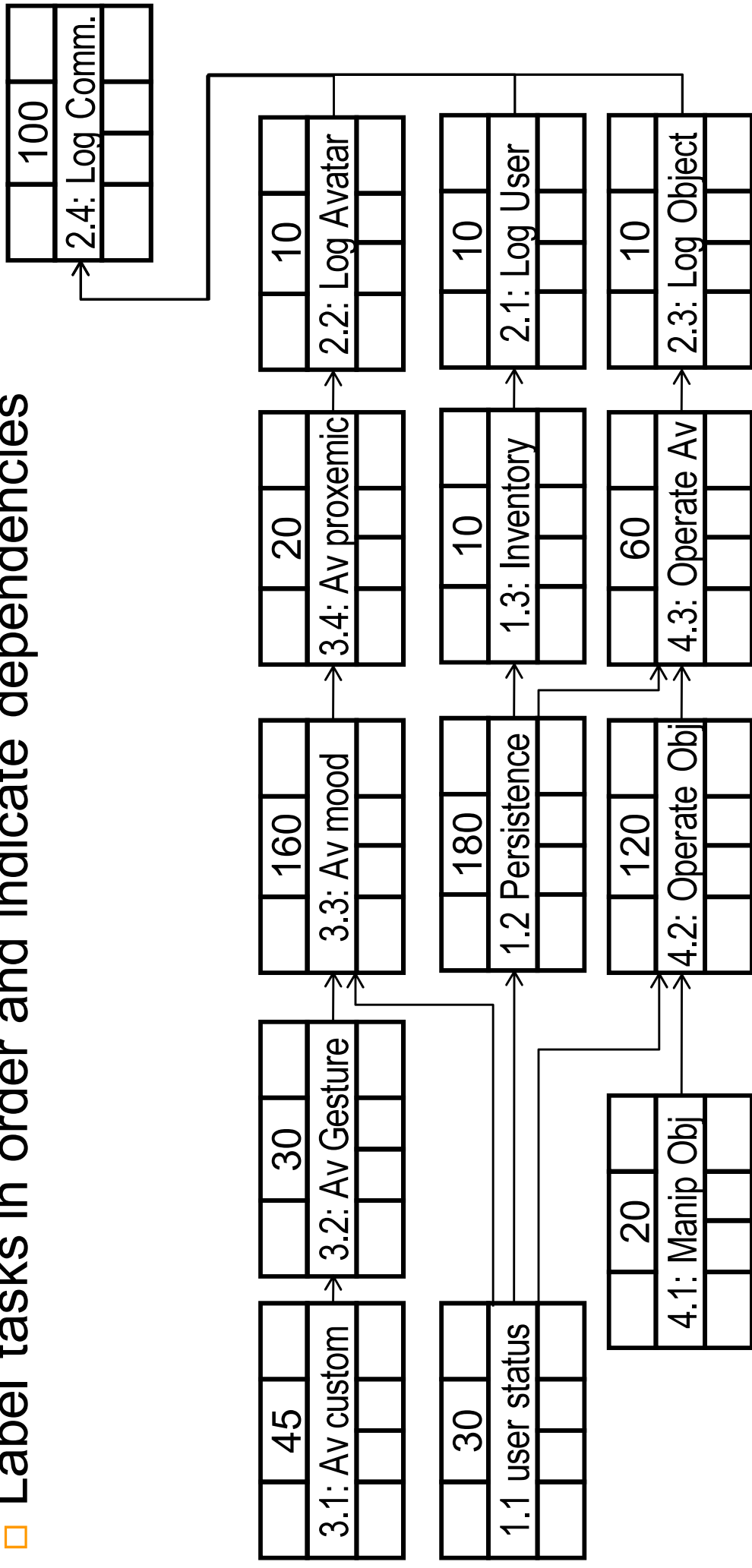


Analysis: Step #1

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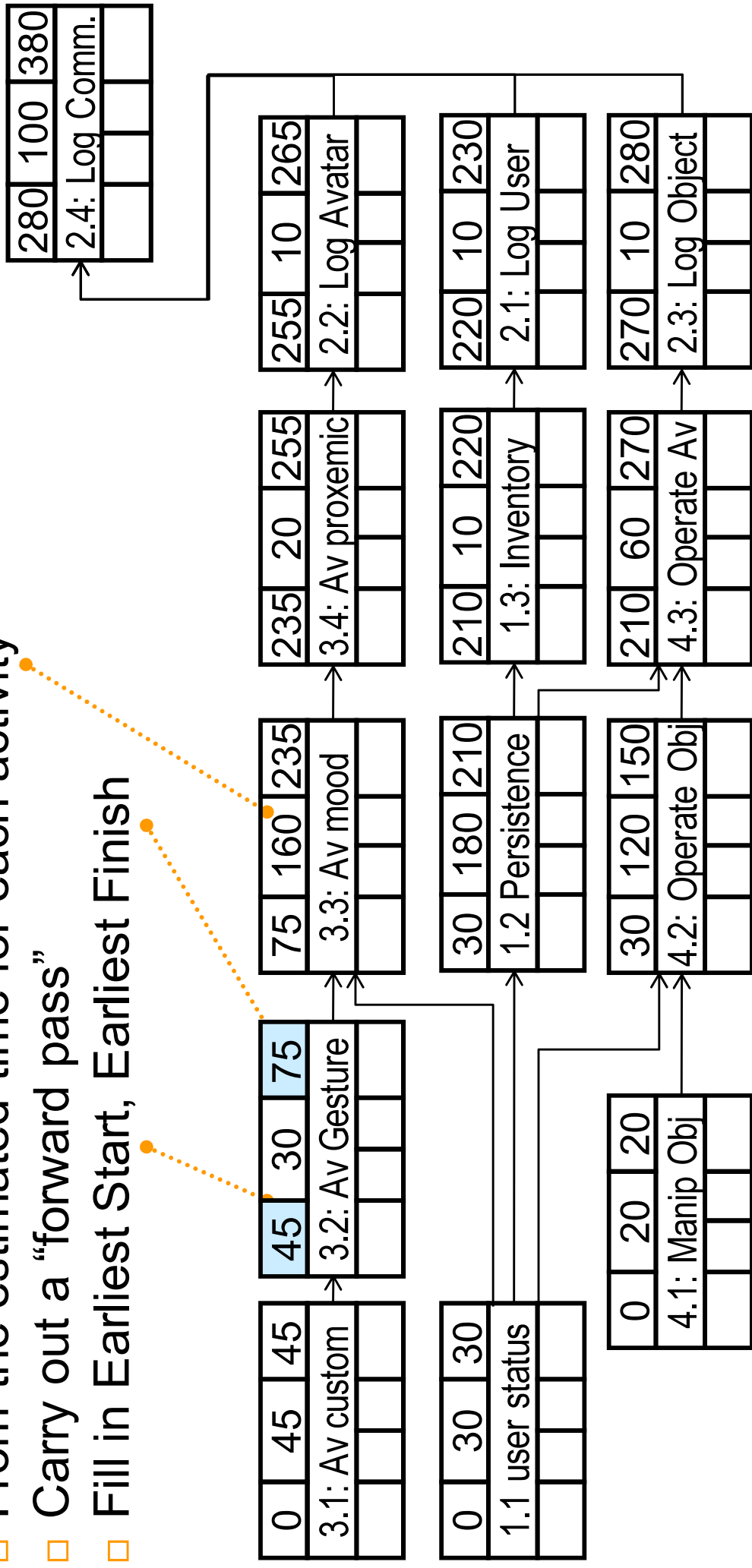
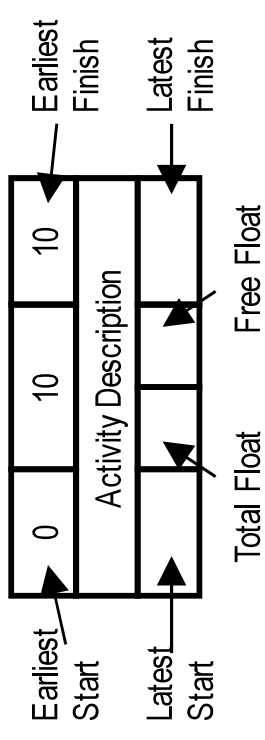
- Label tasks in order and indicate dependencies



Analysis: Step #2

51

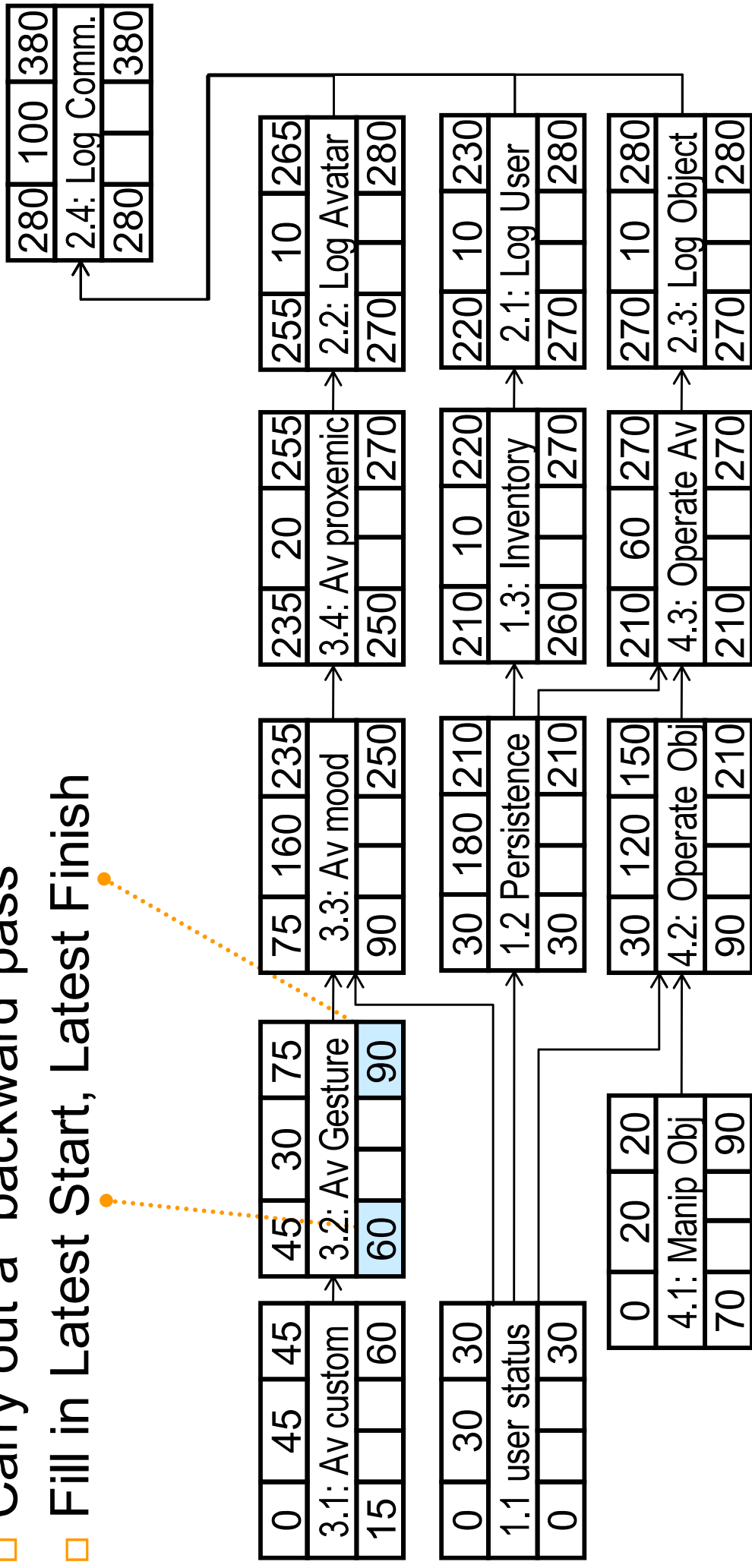
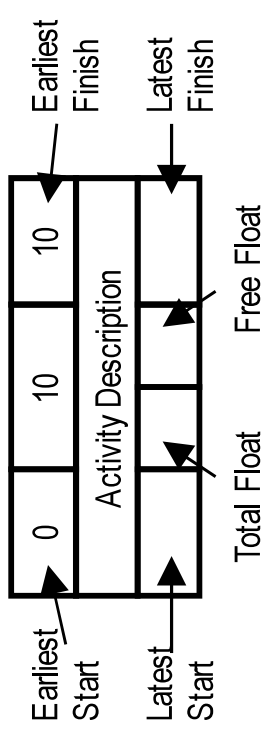
- From the estimated time for each activity
- Carry out a “forward pass”
- Fill in Earliest Start, Earliest Finish



Analysis: Step #3

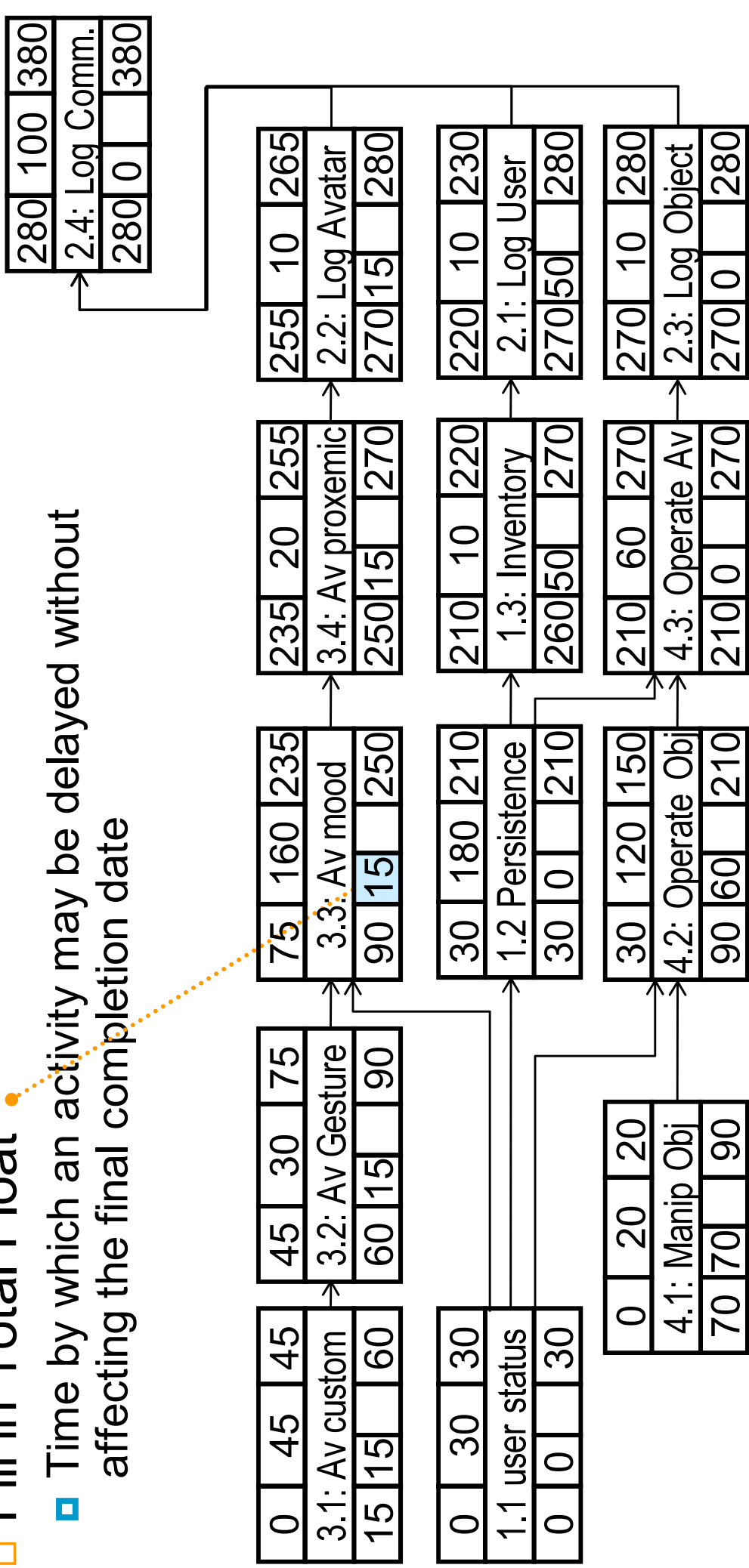
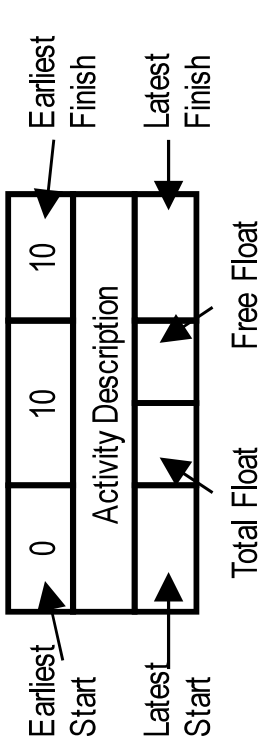
52

- Carry out a “backward pass”
- Fill in Latest Start, Latest Finish



Analysis: Step #4

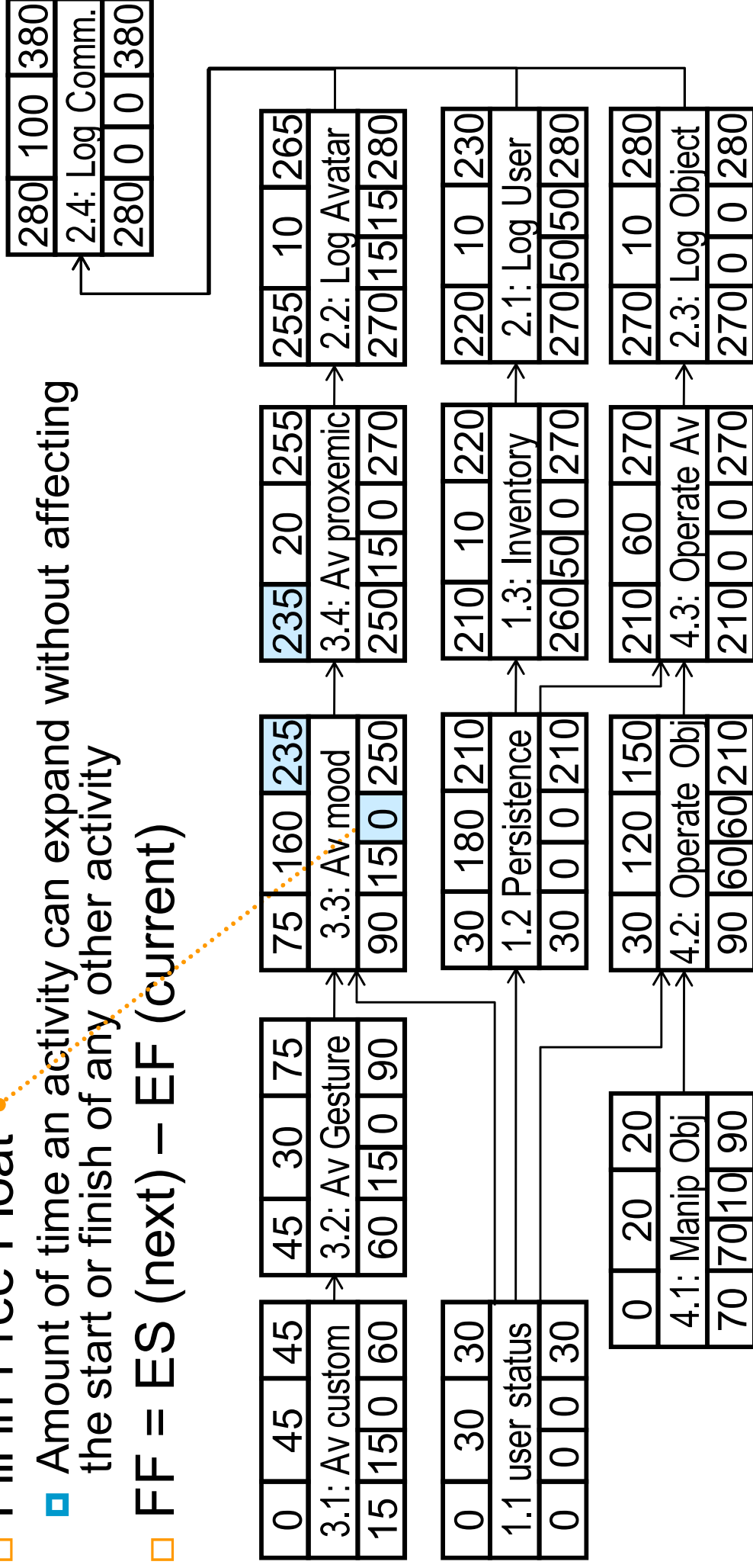
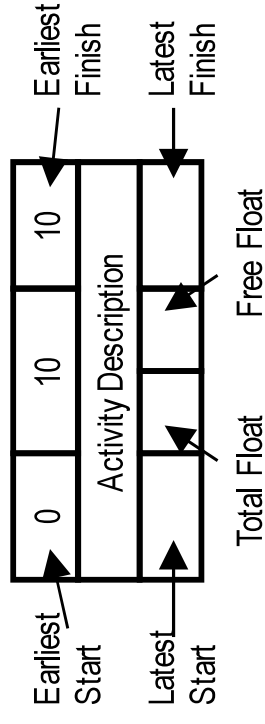
- Fill in Total Float
 - Time by which an activity may be delayed without affecting the final completion date



Analysis: Step #5

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- Fill in Free Float
 - ▢ Amount of time an activity can expand without affecting the start or finish of any other activity
- $FF = ES(\text{next}) - EF(\text{current})$

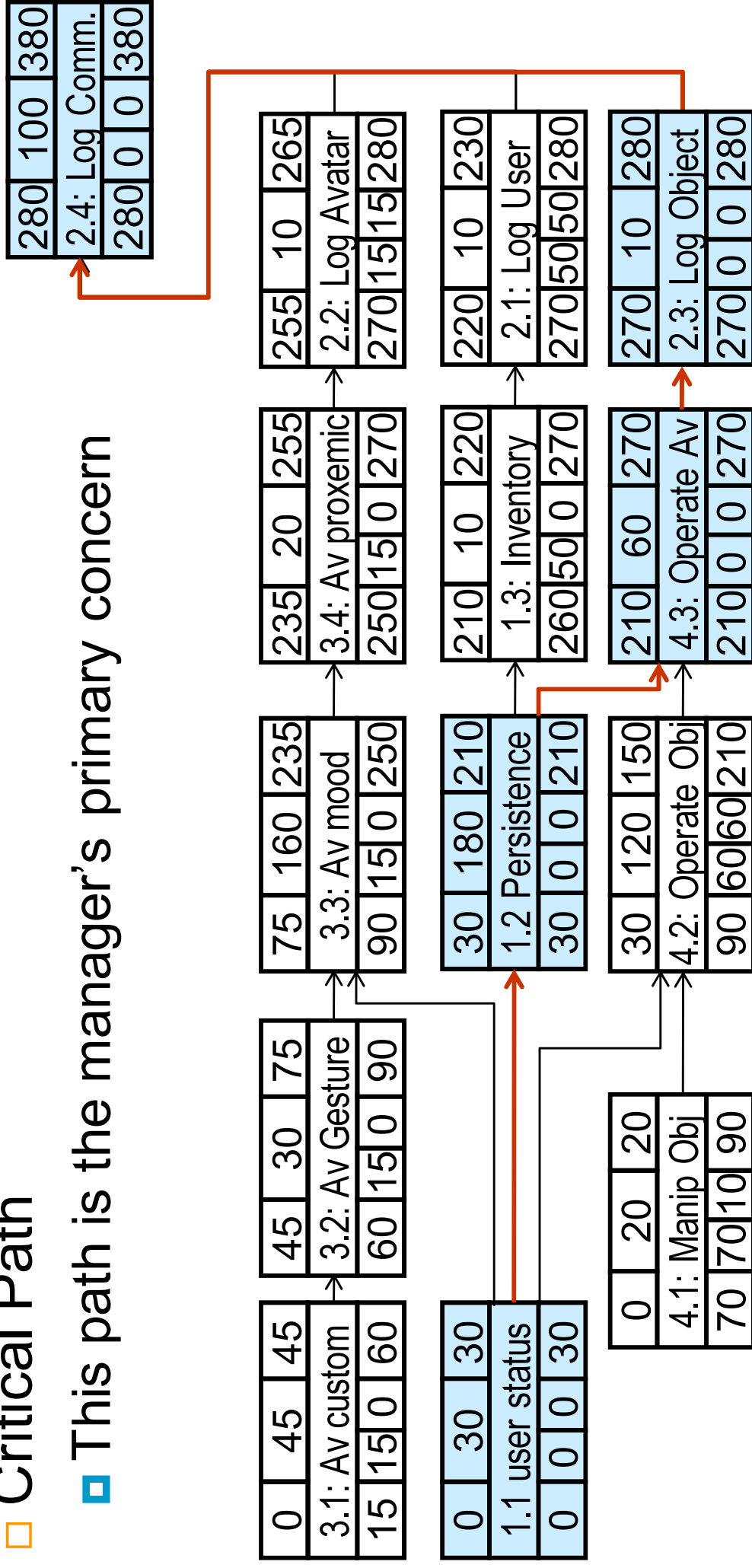


Analysis: Step #6

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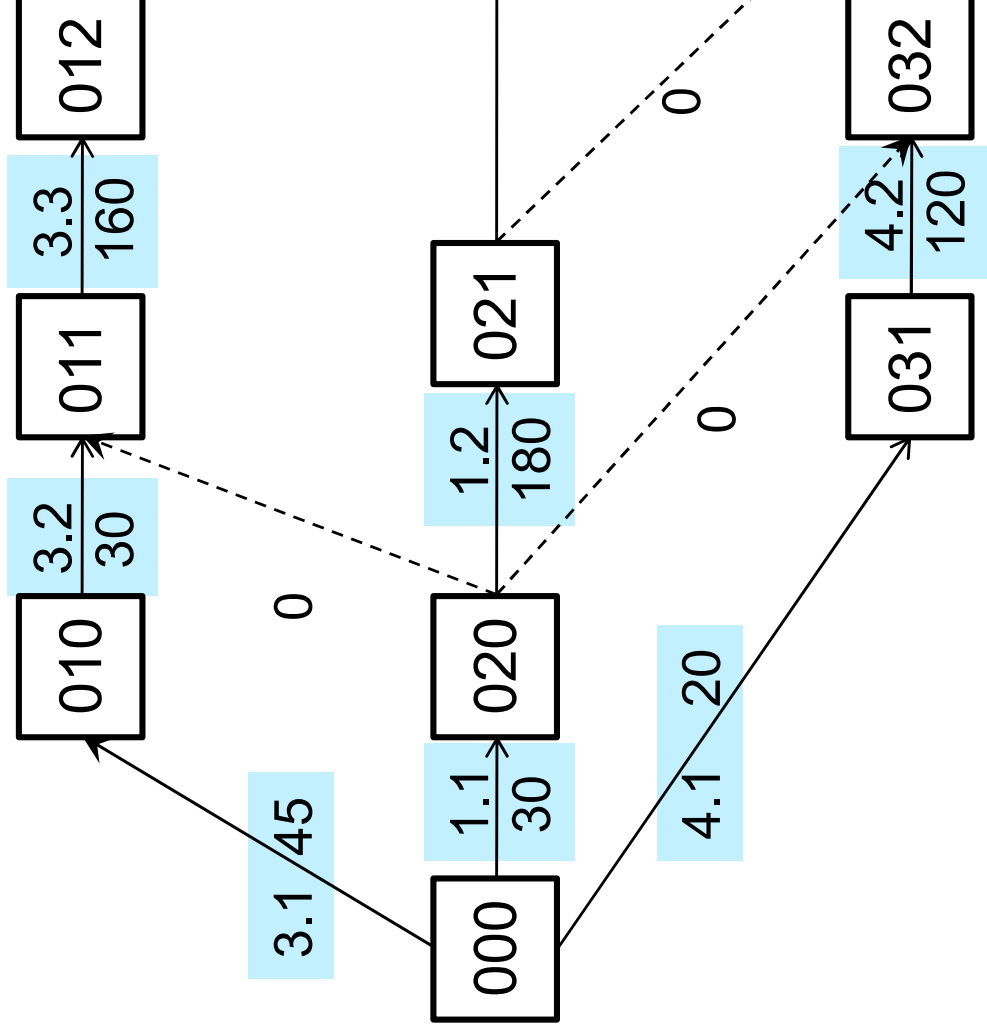
Critical Path

- This path is the manager's primary concern



Example: Task Network (Milestone Network)

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#	Activity	Len	Depend
1	Access		
1.1	User's status	30	
1.2	Persistence	180	1.1
1.3	Inventory	10	1.2
2	Logging		
2.1	Log user events	10	1.3
2.2	Log avatar events	10	3.4
2.3	Log object events	10	4.3
2.4	Log communication		2.1,2.2,2.3
		100	3
3	Avatar		
3.1	Avatar customization	45	
3.2	Avatar Gesturing	30	3.1
3.3	Avatar mood indicator		
		160	3.2,1.1
3.4	Avatar proxemics	20	3.3
4	Interactions		
4.1	Manipulate objects	20	
4.2	Operate Objects	120	4.1,1.1
4.3	Operate on Avatar	60	1.2,4.2

4.2 Operate on Objects

Example: Network Analysis

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