Peer-graded Assignment: Value Stream Map

Reviews 14 complete

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Well done! You sent 14 peers feedback that will help them. If you have time, please review one or two more. Every review you do helps another peer complete the course!

Your fellow learner has submitted their assignment anonymously and your review will be anonymous to them. All names are still visible to course instructors.

Value Stream Map - Wise Software Corp's software development process

by Anonymous Learner
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PROMPT

Please create a Value Stream Map for the process of Wise Software Corp's software development process.

Value Stream Map
Value Stream Map

RUBRIC

Does the diagram contain all the activities listed in the description?

- 1 pt
  Covers 50% (14 or less)
- 3 pts
  Covers 75% (Between 15 and 21)
- 5 pts
  Covers 90% (Between 22 and 25)
- 6 pts
  Covers 100% (All 27-28 activities)

Does the diagram show the value of time spent on each activity?

- 0 pts
  No
- 2 pts
  Yes, but not for all activities.
- 4 pts
  Yes, for all activities.

Does the diagram show and differentiate between value-added activities and non-value-added activities?

- 0 pts
  No
- 1 pt
  Yes

PROMPT

Please calculate the Process Cycle Efficiency for this Value Stream? Please show your calculations.

Process Cycle Efficiency = 10+1+60+1+1+30+240+30+60+30+60+30+4320+1440+10 / 10+1+60+1+1+30+240+30+60+30+60+30+4320+1440+10+720+720+720+4320+1440+2880+1440+4320+7200+7200+720 = 0.163 = 16%

RUBRIC

Is the answer correct?

- 0 pts
  Question not answered.
- 1 pt
  Answered but incorrect.
- 4 pts
  Answered and correct.

  Value Added Time = 6323 minutes

  Non Value Added Time = 32400 minutes

  Cycle Time = 6323 + 32400 = 38723 minutes

  Process Cycle Efficiency = Value Added Time / Total Cycle Time

  Process Cycle Efficiency => 6323 / 38723 => 16.33%

PROMPT

Make a recommendation for improving this process. Please specify what impact it will have in terms of VSM step and Process Cycle Efficiency. Please calculate the new Process Cycle Efficiency if recommendations are implemented (HINT: For recommendations, think about merging steps, removing unnecessary steps, or recommending alternatives to improve some of the process)?

1. Clients first create an account by providing basic profile information and Company's system runs automatic and sends email confirmation email (10 min)

2. Email sits in Client's email box (avg. 12 hrs)

3. Client confirms their account by clicking on a link in an email and submits a new project request on WSC's website portal (1 hr)

4. Request is waiting to be assigned to an account manager (12 hrs)

5. Company's Sr Account Manager looks at the pending requests every day and assign it to one of the account manager (1 min)

6. Request is waiting for an account manager to looks at the request (12 hrs)

7. Account manager contacts the client and company's Solution Architect to set up a meeting to get requirements (1h)

8. Account manager, client and Company's Solution Architect waiting for the meeting (72 hrs)

9. Account Manager, Client and Solution Architect meet to outline requirements (5 hrs)

10. Account Manager puts the request in queue to document and the project is waiting for a Solution Architect to provide input (48 hrs)

11. Account Manager sets up another meeting with Client to discuss architecture and timeline (30 min)

12. Client and Account Manager waiting for the meeting (72 hrs)

13. Account Manager and Client meet to approve architecture and Account Manager sends the project request to the development queue (1 hr)

14. Project request waits in development queue (120 hours)

15. Project team completes the development and assigns it to a testing team (72 hrs)

16. Project request waits in testing team to work on it (32 hrs)

17. Testing team tests and approves it for release (12 hrs)

18. Project waiting for Account Manager to send the request to Client (12 hrs)

19. Account Manager sends the completed project deliverables to Client. (10 min)

20.Client uses the deliverables. (0 min)

This way we can work on less stpes and improve for 20% of Process Cycle Time. Also, we can work together with the team to avoid rework.

However, it is important to try to find a way to reduce the waiting time.

RUBRIC

Were there recommendations to merge steps (signup and submitting a project)?

- 0 pts
  No
- 4 pts
  Yes, but steps that could be merged were not specified.
- 8 pts
  Steps that will be merged were specified.
- 10 pts
  Steps that will be merged were specified and the new Process Cycle Efficiency was calculated.

Was there a recommendation to take Architect into the requirements meeting and eliminate a bunch of steps?

- 0 pts
  Recommendation was not made.
- 4 pts
  Recommendation was made but does not specify the impact (what steps will be eliminated).
- 8 pts
  Recommendation was made and include all the steps that it will eliminate (Not necessary but many of the steps between 12 to 20 should be merged).
- 10 pts
  Recommendation was made and included all the steps that it will eliminate and the new Process Cycle Efficiency was calculated.

Additional recommendations were made.

- 0 pts
  No
- 1 pt
  Yes, but illogical recommendations.
- 4 pts
  Yes, and correct recommendations.

Rate overall quality of the response.

- 4 pts
  Complete
- 8 pts
  Complete and Correct
- 12 pts
  Complete, Correct and Innovative Ideas

OVERALL ASSIGNMENT RUBRIC

Any other general feedback you have for the learner?

Submit Review

Comments

Comments left for the learner are visible only to that learner and the person who left the comment.

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