Lea Trueworthy

CSD 380 Secure Software Development

Module 5.2 Assignment: Value Stream Mapping (VSM)

Nathan Braun

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A diagram of a weekly schedule

AI-generated content may be incorrect.

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| --- | --- |
| **Category** | **Estimated Time (Mins)** |
| Saturday Morning | 180 |
| Saturday Afternoon/Evening | 60 |
| Sunday Morning | 150 |
| Sunday Afternoon/Evening | 120 |

Estimated Cycle Time = 510 Mins (8.5 Hours)

**Optimize the Processes**

**Eliminating Waste:**

* Defects: My solution for forgotten groceries and multiple store visits is a digital shopping list. It will feature recurring items and offer the flexibility to add new ones on the go.
* Waiting: After workouts, I can use the cool-down period to prep for the next task, like setting out laundry or homework materials, turning idle time into productive setup.
* Motion: To make cleaning more efficient, I'll put together supply caddies for each area (like the bathroom or living room). This will cut down on extra trips and streamline the whole process.

**Workflow Improvements:**

* Dividing Homework: Instead of doing all homework in one long session, I’ll break it into smaller tasks like reading during laundry cycles and computer work afterward, to make it less overwhelming and better fit into my day.

**Governance Models:**

* Weekend Task Freeze: To protect my Sunday evening relaxation, I'll set a firm boundary: once meal prep and tidying are finished, no more tasks get added, even if something's incomplete.
* Trash Check: Before taking out the trash, I’ll do a quick sweep of all bins to catch any missing bags and avoid leftover waste building up.