SDCC - Softmare Development life CAR System

Proless - Steps to (& (longlish a freed

Althod - approach to ullonglish a project (folias on the steps)

ot a process

Development

Defining - Requirment

Analysis

Testing

Building

Spiral

I terative (ve finement)

feasibility study Pilot Study

Non-functional Requirement functional Requirement domain Requirment HW: DOJ system lc 10 step version 3 part hw.

- 1.short description of each step.
- 2. Which part of royce's 5 is it under
- 3.10th step: why is it named dispose(get rid of) if it's a cycle

| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |                                           |
|-----------------------------------------|-------------------------------------------|
| 6 sigma - Motorola                      |                                           |
| There's Belts Certification (N          | sorranes from prosey maryanet<br>so years |
| everythings acronyms.                   |                                           |
|                                         | IMPROVE/Con trop                          |
| DMAIC <sub>vs</sub>                     |                                           |
| DMA DV - Define measu                   | re analyte/Design/verify                  |
| of thize                                | 2 (2041 1/11)                             |
| First time                              | defeus                                    |
|                                         |                                           |
| Improving as we go along.               |                                           |

| DFSS - Design for Six Signa.                                                                                                                |   |
|---------------------------------------------------------------------------------------------------------------------------------------------|---|
| Sort - Determine what's essential us non essential                                                                                          | l |
| 2 Straighten of/Set - everything has to be certain way, no sloppy.  3 Scrub - clear your own Mess up.  be your own Switer. Physically clear |   |
| (4) Standarite - Stadardze across your Workspale.<br>Every Office is the Sure                                                               |   |
| 5) Sustain - Put ins place, enjoye's soldance. eurythings pland. No suppose                                                                 |   |

Ishikawa Fishbone Sn's - neaswements

Materials - data, Cake, Software methods - function, Algorithms. Machines - P/C/nardware shower - pull Environmen - electrici Crty

Probability - Prelice Sum

number of ways for a specific event

Stutistics - Understand past

M-Ary
X-Mem (Htt

1) Avgderryre, ton som

O Avy assorte by no Calin's an it, no dermene.

D Hvy Syname demanting - Vaniance

(4) Sart (vanule) = Std devinum

-3 < /43 > x -6 < /44 < x +1.5 / +4.5 +1.5 / +4.5 +1.5 / +4.5

2 pro- Jeseu per million operation.

Allow 3.74/1e6 dpmo.