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| Goal | **Question** | **Measure** | **Metric** | **Traditional** | **Agile** |
| Requirement | How many requirements are done per all requirements? |  |  |  |  |
| What was the number of change requirements in project | N: Number of change | N | Change rarely happen  N: small | Change usually happen  N: big |
| What was the effect when the requirement changed? | LOC: line of code had changed when requirement change  N: Number of change  D:line of code average for a change | D = LOC/N | Requirement change make huge effect to project  D: big | Requirement change make small effect to project  D: small |
| Customer Meeting | How many times does team meet customer each phase? | N: Number  P: Number of phase  D: Number of meeting | D = N/P | Rarely meet customer  D: small | Usually meet customer  D: big |
| Upfront Planning & Schedule | What was the number of change in: Schedule, budget, architecture and design for entire project | N: Number of change | N | Change rarely happen  N: small | Change usually happen  N: big |
| How long will the project take when requirement change? | D: day | D | Huge effect to the schedule  D: big | Small effect to the schedule  D: small |
| Change and Rework | How is the change management process? | Numbers of change request approved (measured by change request): X  - Numbers of change request (measured by change request): D  - Rate of change request approved and change request (measured by %): R |  | Every change must be highly consider  R: small | Change happen usually and easy accept  R: big |
| Documentation | What was the number of document in project? | N: number | N | Many documents  N: big | Less document  N: small |
| The formally of document |  |  |  |  |
| Team and Developers | How many members who work efficiently? | n: number of good team member  N: number of team member  D: Rate of efficiently member in team | D = n/N | ???? | ???? |
|  | How many time effort does a member spend for each phase | H: total time of a project  P: Number of phase  D: average for a phase | D = H/P | ???? | ???? |
| Process | What was the reliability of the process? |  |  |  |  |
| Release | What was the number of product release in the project? | N: number | N | Release at the end of project  N = 1 | Shippable product  N: big |
| Cycles | How many cycles were used in the entire project? | N: number | N | Only 1 cycle  N =1 | There have one cycle after each release  N: big |
| Risk | What was the ability to predict risk? | N: number of risk which team project correct predict  T: total of risk which team project predict  D: Rate of risk which predicted | D = N/T | Hard to predict  D: small | Risk can predictable  D: big |
|  | What was the effect when risk occur (problem)? | LOC: line of code had changed when risk occur  N: Number of risk  D: line of code average must change for a risk | D = LOC/N | Risk make a huge effect to all project  D: big | There are more than one cycle so when risk happen, it will be fix after that  D: small |