

SE 315 – SOFTWARE PROJECT MANAGEMENT
SOFTWARE MEASUREMENTS DOCUMENT

PROJECT NAME: NIGHT JUNGLE

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Questions to identify measurements:

- 1-What did occur if 100 users try to share media at the same time?
- 2-What did occur when 10000+ users tried to use the system per month?
- 3-Did the project adhere to its schedule?
- 4-How many changes was required?
- 5-How much documentation was needed?

Identified measurements:

We needed to test band width and processing power to measure what would happen if 100 users try to share media at the same time.
We tried to attend to the system 333+ times per day to test when 10000+ users tried to use the system per month.
We listed the work per person to adhere the project to its schedule.
We changed the system as we got critical errors.
We developed the documentation as much as we formed the changes after the every process step.

Measurement storage and collection:

When we tested the system's band width and processing power, we decided to change the related data structure with queue structure.
When we tried the system 333+ times per day, we saw that the system had no problem with request density.
When we listed the work per person, we recognized that the project adhered its schedule.
We changed the system twice to fix the errors and now the system works smoothly.

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Measurement Type	Description	Example Measurements
Product Size Measurements	Product size measurement is the way of evaluating the software by focusing on the code.	Database Size Estimation Based on ER
Effort Distribution	The measurement type which specifies the effort per work.	Hours spent each week
Change Data	This measurement type is the way that try to measure how many times the system should be changed.	Requirement Changes
Management Data	The way of gathering the information about project cost, length, etc.	Cost for required tools
Product Size Measurements	Product size measurement is the way of evaluating the software by focusing on the code.	Lines of code per week