SOFTWARE METRICS

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- O suppose you want to assess the productivity of a software tester on your project. How would you define the texter's productivity, and what data would you collect? At what point in the development process would you collect the data?
- A) the evaluation of the software texter can be done by validity of bugs that you reported. The quality of your writing as when the report issues and the no of bugs that you have report and contributions to other texters bugs. For evaluating the testers productivity the following pavameters are included such as:
 - 1) Number of scripts win,
 - 2) Number of defects found,
 - 3) Number of defects closed,
 - 4) Number of defects reopened (severity)
 - s) Number of reported defects replicated
 - 6) Number of hard to replicate yet critical/ severe dejects that can now be replicated
 - 7) Number of ichnes/ defects than can fixed.

And it also includes such as

- 1) whats exactly you are trying to accomplish in project
- 2) what are the ways to make testing

team effective, and more efficient, and also to spend less time on testing. The productivity in metrics is calculated as Productivity = Actual number of test caves (For text actual effort expended in testing Productivity = Actual no of defects · Creview+ testing) (defect debestor) actual effort spent on. (review + testing) the testers don't collect any data from the exicting sources, but also they generate huge volumes of data to ensure the quality. As testers continously explore, leasn, and apply the most efficient approaches for data collection, generation, maintaince, automaton and comprehensive data management. The software tester productivity has measuing ongoing effectiveness/ performance such as big reports, - designing, running, modifying fine test cases developing test strategies/plans - Editing technical documentation - writing support materials and facilitate the inspections -) personal attributes as they effect the performance

Editing bugs: -) summary snort and checking whether it is divious where to start , replicate by -> 4s the replication sequence provided as a numbered set of steps -) Does, the report include unnecessary info. -) Replicate the report and the cummary accurate describe the failure - Followup tess as report revies on other Specific Values, with no indication about program - Testers Evaluation as does the description include non-factual information. Grality measurment: process What are the key vicks, Are you testing visks, - Risk analysis: As optimizing your testing against visks analysis: - reviewing the specific ashifacts of tester and performances as text cases, visc analysis Ampacto scheduling Data includes such as the Nodata, valid dataset, Allegal data format, and also boundary condition format, doctaset and the dataset for performance, road and stress testing the dataset is a Evaluation and Equivalence pashtion and dataset, decision table set, State transistion dataset, usecase test dataset. and also the absent data.

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