COMP 10066 Week of Lect Exam Help Week of Lecture Sug Reporting and Resolution Add WeChat powcoder.

Lecture Overview

- Cost of Software Defects
- · Reporting Bugs. Assignment Project Exam Help
- Bug Reporting Tracking
- Prioritizing Bugs https://powcoder.com

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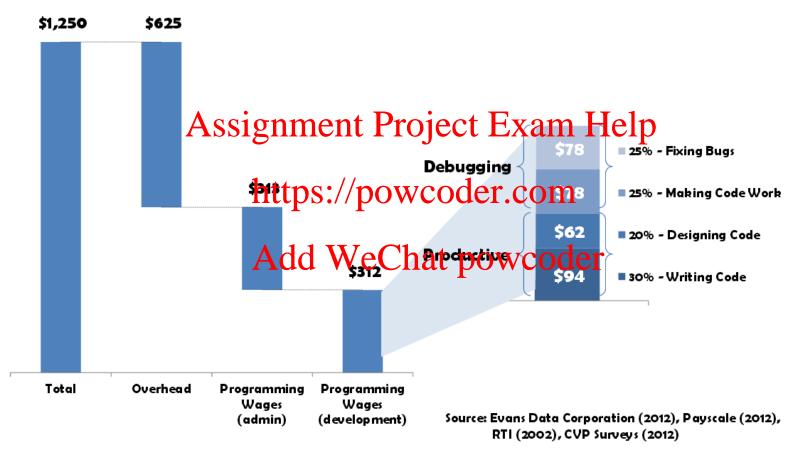
Cost of Bugs

- A interesting study:
 - "Cambridge University Study States Software Bugs Cost Economy \$312 Billion Per Year" ject Exam Help

 http://www.prweb.com/releases/2013/1/prweb10298185.htm
 - Programmers spend 50% of time debugging https://powcoder.com

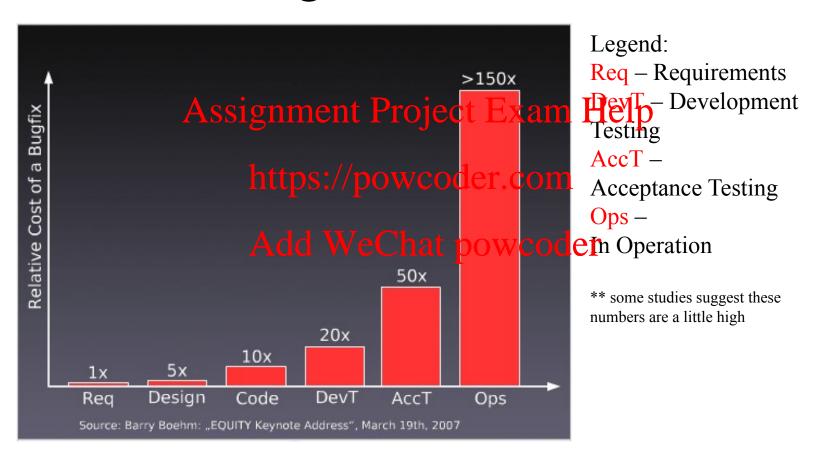
RESULTS: The global cost of software development is US\$1.25 trillion





reference: http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.370.9611&rep=rep1&type=pdf

Relative Bug Cost



Cost Of Bugs

- Are the costs really that high?
- Some argue the cost per defect calculation is not accurate Assignment Project Exam Help
- · See Cost Per Pttps Ppowtoder com

Bug Reporting and Resolution

- Two important aspects of bug reporting that will increase the chances of the bug being corrected:
 - · When it i Arspirgedment Project Exam Help
 - An effective description
 - Provide a procedure of dyplicate teacher.com
 Video is sometimes used to record steps

 - · http://www.peddsWeChat powcoder

Attributes for an Effective Bug Description

- Provide information that is relevant to the bug.
 - OS Version, Software Build
- · One bug / Assignment Project Exam Help
 - Extra information can cause confusion.
 https://powcoder.com
 Do not report more than one bug at a time.
 - - Can reference another bug if there appears to be a relationship Add WeChat powcoder
- Document the process to reproduce the bug
 - Create as simple a case as possible to show bug.
 - Step-by-Step
 - Confirm the procedure before submitting bug.

Bug Report Content from the Tester Perspective

- Program Identification
- Version Information Assignment Project Exam Help
- Date

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- Reported by
- Suspected type of the Weight to power of the Documentation)
- Problem Summary
 - Reproducible (Y/N)
 - Steps to reproduce
 - Suggestions for correction

Bug Report Content from the Developer Perspective

- Assigned to
- Status (Open/Closed) Assignment Project Exam Help
- Priority

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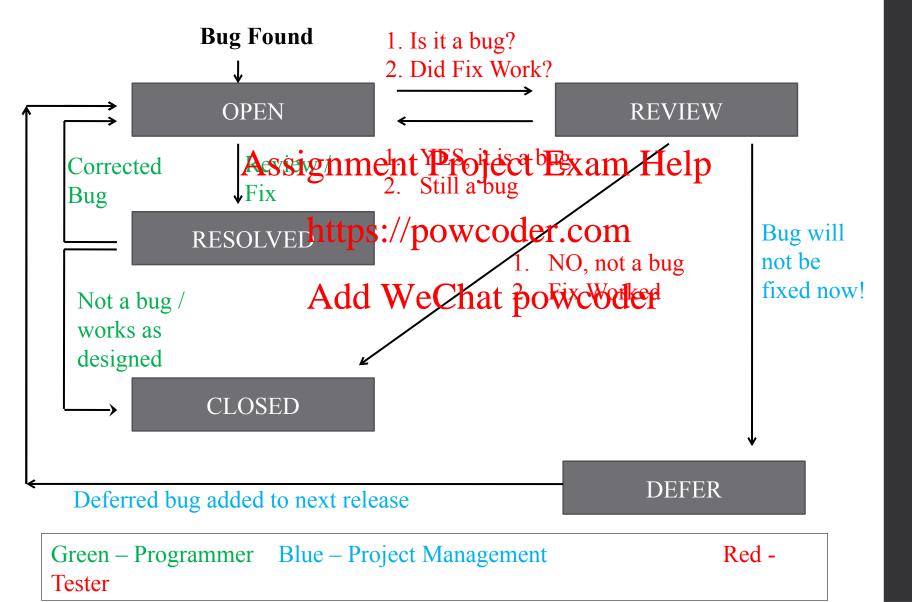
- Resolution
 - * Pending, Deferred, Withdrawn, Fixed, As Designed, Need more Info, Can't reproduce, Can't be fixed.
- Resolved by with Date
- Solution Tested and confirmed with Date
 - Version / Build should be included with the fix

Examples of Bug Summaries

- Bug Summary Contents vary by company
- https://www.softwaretestinghelp.com/sample-bug-report/ Assignment Project Exam Help
 https://usersnap.com/blog/bug-report-template/

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Example Bug Workflow



Responsibilities

- The programmer is responsible to confirm the bug report:
 - · Not a Aussiag derivent) Projecte Essam Help
 - Bug Defer or Resolve

The tester must confirm the bug resolution or fix:

- The applied fix worked Move to Close
 Still a Bug Fix did not work/incomplete Move back to Open

Reasons bug fixes are delayed or not fixed

- 1. Not enough time
- Not really a bug Assignment Project Exam Help
- 3. Too Risky to Fix
- https://powcoder.com
 Not worth it to fix impacts few users
- 5. Bug report is addu Weighbatt power ader