Abstract

Software quality is very highly inflammable area where enormous research has been done and still being continued for effective and exclusive product outcome. Identification of defects or issues in the early phase makes the system to rectify the issues earlier and helps to manage better product outcome within given budget and time which is ultimate goal of every company or project. The issues occurred while coding can be identified by the tools already developed. But if the issues occurred after delivery of the product cannot be identified before and these are called business defects, i.e., while using the system defects occurs. This paper proposes a frame work for identifying the business defects and prediction for mobiles. The data used here is from Android mobiles. This frame work identifies the information, warnings, errors occurred while using the mobile. And also it gives the percentage of faulty status of the product if these errors occur regularly, so these issues can be rectified and corrected in the future developments of the product. Identification of business defects for mobile logs is the novelty of the paper.


Akiyama, F., "An example of software system debugging," Information processing, no. 71, pp. 353-379, 1971


Keywords
Mobile logs  threshold  defect prediction  business defects