

Assignment 2

Rephrasing of Research Paper

COMSATS University Islamabad
Sahiwal Campus



Usama Sarwar

FA17-BS(CS)-090-B

Mr. Awais

PPIT (CSC110)

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Real Challenges in Mobile App Development

(Rephrased)

1. Application of Domain

This research paper is related to Application of Mobile App Development.

2. Domain

Domains of this research paper are Computer Science and Software Engineering.

3. Knowledge of Domain

Mobile app development may be a relatively new phenomenon that is increasing rapidly in recognition of smartphones among end-users. Android Mobile Devices and iOS Mobile Devices are used frequently these days.

4. Hot Topics of Domain

The goal of our study is to realize an understanding of the most challenges developers face in practice once they build apps for various mobile devices. For example, Cross-Platform App Development and App Deliveries to maximum platforms with effectiveness.

5. General Trends of Proposed Solution

Method: We conducted a qualitative study, following a Grounded Theory approach, during which we interviewed 12 senior mobile developers from 9 different companies, followed by a semi-structured survey, with 188 respondents from the mobile development community. In this research paper the developers conducted a qualitative study, following a Grounded Theory approach, during which we interviewed 12 senior mobile developers from 9 different companies, followed by a semi-structured survey, with 188 respondents from the mobile development community.

6. Proposed Solution

The proposed solution is a summary of the present challenges faced by mobile developers in practice, like developing apps across multiple platforms, lack of strong monitoring, analysis, and testing tools, and emulators that are slow or miss many features of mobile devices. Supported these findings of the present practices and challenges, the developers highlighted

areas that need more attention from the research and development community. In this way we can compete the Mobile App Development Challenges. (Joorabchi, Mesbah et al. 2013)

7. References

Joorabchi, M. E., et al. (2013). Real challenges in mobile app development. 2013 ACM/IEEE International Symposium on Empirical Software Engineering and Measurement, IEEE.