
STUDY OF MOBILE APPLICATION DEVELOPMENT PROCESS: REAL-LIFE EXPERIENCE

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ABSTRACT

Background / Purpose: We are at a time when many disruptive technologies are changing the whole idea of the market comes up often. One such example is the emergence of Mobile Application development, which completely changed the way users use the software. Still software development often meant independence or a Web system in the past, now it is has a large space provided for Mobile Application Development. However, since the platform on which the app can be planted is just a cell phone, the target audience in this type of application development becomes more common. Directed app development mobile devices are now the standard by which resources reach the target audience as soon as almost everyone has access to cell phones. This paper discusses in detail the Software Development Industry and its leadership in India. Objectives: To analyze and understand the Mobile App Development Industry worldwide and in India, popular understanding, usages, Other student research topics are also intended to understand the challenges in the industry. Findings / Outcome: Based on the SWOC Mobile Application Development Analysis, we can say that this industry will be one of the most sought after industries especially Based on the analysis, the current and future state of the industry is presented. Type of Paper: Research paper in the Mobile App Development Industry.

I. INTRODUCTION

In the Information Technology industry, various software has been changing the way we look in things from the beginning of its era. We realize that almost every other program we did was in person. Now it has been created and monitored by the systems. Software Development industry falls under this parent is also a common term use in the development and Host of software in the websites and independent applications. While creating these apps, the hardware is small the requirements provided were usually a personal computer with sufficient detail Until a some time, people have accessed websites through Cyber Cafes only.

Mobile applications are the result of a number of activities excludes, such as assigning roles to a task team, to explain goals and activities, to apply a set of best practices co-operation and collaboration, to establish a system of jobs, risk management, Among other In addition, the mobile application development requires continuous improvement and adaptability to meet new technological needs and innovations, to introduce Important challenges such as: user interaction design for different screen sizes for mobile devices, user information connected to mobile device capabilities, user interaction methods is provided with mobile platforms, buildings.

This need for speedy adaptation is one of the reasons why limited legal and scientific documents in the field of mobile application development. The purpose of this research to better understand current methods adopted, to identify what processes or methods of action relevant to the development of mobile applications except for two conditions: educational and industrial, the calculation of Finally with sample lessons in small, medium and large Ecuadorian and Mexican companies. This research also contributes to improvement understand the processes for developing mobile applications, to explore real challenges facing, tasks performed, and considering the characteristics of the development team using real situations.

Phase II we are talking about related work, while Section III sets out the uses research method. Phase IV presents the results in the small research questions raised, and, in Section V, I a discussion of the results exists. Finally, Phase VI introduces conclusions and future research lines.

II. RELATED WORK

In this section, we present the activities that have spoken to challenges related to current mobile application research development processes. Using first-degree techniques to collect data, researchers identify problems or challenges in the development of a portable SW. Flora et al. A particular business limit their focus to one area that limits access of their applications, a few participants expressed concern about it lack of knowledgeable and knowledgeable resources to develop mobile applications, to test the required effort at the beginning of the circuit and note engineer team spends a lot of time understanding and analyzing customer needs increase their workload by developing, integrating and integrating testing app.

In another view, Wasserman through a survey of mobile app developers, concluding that most mobile phones applications are relatively small, with one or two engineers you are responsible for designing and implementing them all application, which is not uncommon to use formal development procedures as well with very little follow-up development, less than a few metrics.

SW engineering for mobile applications is powerful emphasis on User Interface (UI) design. Flora et al. start that mobile engineers find it a challenge to do the best they can the use of limited screen space, and the UI design take a lot more important than ever. This fact is related to User Feelings (UX), where developers show that the display is small, screen layouts and different In addition, mobile app developers should expect the target UI design devices. Especially, if it directs one platform, developers may decide to build a single application across all platforms.

III. METHODOLOGY

The information presented and analyzed in this paper is based largely on Second Additional information obtained from various online sources such as websites, journals, online blogs and articles, Conversations, Books Pros and cons.



Fig: Mobile App Development

Pro 1: A budget-friendly option

Businesses are designed to make a profit, and one way to do this is to reduce costs. A business that is not profitable or has a high cost will not succeed sooner or later. If you withdraw money from an app development company, you will only be charged for the work done

Pro 2: Technical and professional services

The app development company is a specialized center for the development of mobile applications, to their customers. These agencies also boast competent and professional hands in the field of coding, design, business development, etc.

Con 1: Endangers data privacy

Data is very important in all areas of life, personal and business. Another important disadvantage of outsourcing is that it increases the likelihood of data breaches. Your internal engineers are part of your company. So they will do everything possible to ensure that sensitive information does not get into the hands of irrational objects. This explains why most government institutions that are charged with financial or national security issues

Con 2: Inability to control all aspects of development

Another major risk of job losses is the inability to control every aspect of the App development . Internal improvement will give you access to continuous assessment of the day-to-day progress of the project. You can ignore all the stages of development, in this way you do not lose track of what is happening over time.

IV. CONCLUSION

Mobile App Development Industry is a young player in the market and has already fallen income derived from another IT or IT Approved IT Industry. The industry has developed and grown very in a short time and find people who would never think of using software for the rest of their lives and are now experts in using Smart Phone and all the essential Apps of the phone he has to give. It is safe to say that the Mobile Phone is now not used for its actual calling purpose and sending SMS but much more. India has used this industry to set itself as a world of fast-growing app users and app developers in the world. Besides, India and contributed to being the third largest source of revenue from applications amazing. The sector has paved the way for India to become a world leader not only in implementing applications, but and development. We talked a lot about what the industry is like . If it focuses on using the latest trends in IT in the right way too to deliver Apps that will not just be an upgrade of existing apps, then the Mobile App.

V. REFERENCES

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