

Investigation on Smart Cost Solution

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Abstract— Author need to perform some survey study on smart cost solutions as per the need of present environment , mobile as well as mobile oriented devices are getting increases as the users are getting higher and higher as what author feel that one need to make resolve the problem scenario of such growing technology by some computing application so that at some extent complexity of problem issues can be resolve for normal peoples, therefore one develop and design a new application interface to solve smart cost issues before develop one has performed a survey study here in which he investigate so many article and application to propose the new concept. This is a survey paper on Smart Cost Solution project which developed by using Java and Oracle technology for online smart phones repairing services. Mobile devices are very important technology which is very needful for many peoples. But when they realize that their smart phone is not working, they have to go into market and search the shop for repairing. [1] I.e. Every user in the market has smart phone but when gadget got damaged from any reason than there is no online solution for these type of problem. So in Smart Cost Solution users can find the cheapest solution for repairing and servicing on this web application. As per the user requirement, application will provide list of service providers and get peak and home service of the smart phone with minimum cost.

Key words: Mobile, Mobile Devices, Smart Cost, Java, Oracle

I. INTRODUCTION

Smart phones are the basic need of everyone in this world. The cell phone repair industry has experienced strong growth during the past decade as smart phone and tablet usage have increased. And the smart phone's market growing is excellent and in future also it will never stop. The basic need of every user who has any smart phone is service. Let understand with an example. Suppose if smart phone got any problem regarding its software or hardware, so user search for nearby shops and pay amount which is worthless and not cost effective to solve that problem. But with this Smart cost solution web application, user can find the cheapest solution for repairing and servicing of his smart phone. This will save cost as well as time of user.

II. RELATED WORK

Till now, all existing solution for repairing smart phones is offline and user needs to search for shops. To purchase new gadgets, many systems are available, But not for repairing and replacement of parts. All existing systems which provide servicing and parts replacing are very complex and in metro cities where distance is everything. It is not possible for everyone to go physically in the market and do all these activities. Other existing systems like web portals are only providing parts and new products, but as per the customer requirement no one is providing service. There are

some service providers for online smart phones repairing and servicing in Indian market.

A. *Phonecare.in*

Phone Care is a smart phone repair service company that has more than 8 year of experience in the field. At present company have over 25 smart phone repair centers in all over India. All the centers offer one stop solution for the repairs of mobile phones and tablets including iPhone, iPad, Nokia, HTC, Samsung, Micromax, Blackberry, LG, carbon and Sony. Phone care offers free pickup drop facility for all repairs on mobile, tablets, laptops and other gadgets. So there is no need to take leave to visit a service center to repair your device. [1, 4]

B. *iFixit.com*

iFixit is a global community of people helping each other repair things. It provide all the replacement parts for all the popular devices from iPhone batteries to Mac Book displays on the site. The company use professional repairing equipments or tools for any repair. [2,3]

C. *Bigfix.in*

Big Fix, providing efficient repair services for Personal computers, mobile phones, laptops and networking equipments. They provide out warranty support through remote, carry in and onsite service delivery models. [5,6]

This online websites provide either home pickup service or their own service centers locations. Industry Analysis of Online Smart phone repair services needs. The rising popularity of expensive and attracted smart phones has given the industry a significant boost since 2010. In the coming years, rapid technological change, the falling price of cell phones and rising disposable incomes are expected to encourage the replacement rather than repair of smart phone devices [7].

III. PROPOSED RESEARCH

This system is like user related to smart phone upload their queries and problems, and they will get the solution in minimum cost at their door step. The planning to develop the Smart Cost Solution system will be like to provide a user friendly interface where user select smart phone first and as per the selected smart phone, the next page shows the all possible list of problems which commonly occurs in smart phones. When users select any of the problems, they will get three options. One is for select the problem and submit with all details. The technician will approach to the door step and take the smart phone and also after serviced will deliver the smart phone. The second option is after selecting the smart phone problem; user can see the list of nearby service center and location of that service center on map for physically going along with the estimated budget of every service center, for providing the solution for the particular problem. The third option is after searching the smart phone problem;

user can get tutorial about showing the process of how to deal with that problem and can try itself. In this way the Smart Cost Solution system works.

IV. BENEFITS OF PROPOSED SYSTEM

- 1) All gadget related queries will be solve at one place
- 2) No need to go market for any gadget related service
- 3) Time saving process if implement properly
- 4) Major advantage is for that category of people who are not able be find time in their busy schedule for their gadget servicing and instead of this they have option to buy a new one.
- 5) If someone want to go market also, the system will provide the nearby service center for the particular gadget
- 6) In Genuine cost the service can be done and easily. Sometimes for the small problem service center do fraud activities also with customers.
- 7) Door step service also possible.

V. PROPOSED MODULES

All project modules are given below. The Project navigates around all these modules. Some important modules are there:

A. User Module

- 1) User can Select Gadget
- 2) Select Gadget Problem option
- 3) User got 3 options here
 - Select Problem and submit details for home service
 - Choose nearby service center list of particular problem with one having minimum cost
 - Can learn the process itself of doing it

B. Service Center Module

- 1) Service center can Sign up.
- 2) Service center will login.
- 3) Service center can update his information like
 - Add more servicing.
 - Update cost of servicing.
 - Update contact number and address.

C. Admin Module

- 1) Admin can see the submitted gadgets problems by the users.
- 2) Can send a mail to the users about submitted problem along with the estimated time and budget.
- 3) Can delete the users whose product was serviced or repaired.
- 4) Can maintain the list of users month and year wise.

VI. CONCLUSION

There are many online solutions for mobile servicing and repairing but they do not provide efficient services to users. So this Smart Cost Solution will provide them user friendly interface and many services for smart phones servicing and repairing by which they will be save their time and money.

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