



Project for CSE471

Title of the Project: Rent-a-gadget

Group Number: 19

Group Members: 01

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Assignment for CSE471

Introduction

Rent-a- gadget will provide such a platform where people can rent their various kind of gadgets to the people who can barely afford it. It will make the best use of the gadget as well it will be in constant use. It will also be a place for tech enthusiasts who will share their valuable reviews about gadgets. As a whole, it will be platform where tech enthusiasts can share their thoughts and also borrow and rent their desired products.

Motivation

The majority of people in our country are from middle-class families. As a result, individuals are frequently unable to purchase high-priced items that they desire. For example a nice DSLR camera, for may cost up to 2 lakh taka, and only a few individuals can afford it. In addition, if the person is not a professional photographer, the camera is only used once or twice a year. As a result, a person traveling on a tour could be able to utilize a camera of such caliber to capture their memories. In this way, the user may get the most out of his device while still earning money for doing nothing. On the other hand, that person who couldn't afford that can get the camera with a minimum amount of money and use as long as he needs it.

System request

Project Sponsor: CEO: Hussain Elius (Pathao)

Business Need: This project has been initiated to help the majority of general people who can't afford expensive electronics gadgets, which are not used in our day-to-day life. Rather we need to use them in any occasions.

Business Requirement:

1. Search for electric gadgets based on peoples' choices.
2. Search for best options in minimum expenses.
3. Compare between specific gadgets and can also decide on customers' reviews.
4. Able to know about specifications of gadgets and can also can get suggestions from expert users.
5. User can find which gadget is vacant and by when it will be available, and thus it can be occupied in quicker times.
6. Liability between the borrower and the owner of the gadget.

Business Value:

1. Higher customer satisfaction due to less hassle.
2. People can save their time and money as they don't have to wait for anyone's gadget and also they don't have to buy a newer one.
3. Extra earnings for the owner as they can lend their gadgets in their off time, when they are not using those.
4. Maximum benefits of the both side as the owner will earn extra and the borrower can complete his deeds in few expenses.

Special issues or constraints:

1. Though, there will be liability among customers, but there will be always some risks regarding gadget. The owner may put wrong info about his products so that those people who are eager to take that, they can be fascinated. And from the borrowers' point of view, they can take or exchange some parts from the gadget that may hamper the gadget specifications.
2. Miscommunication may happen, as some may be in dire need of that gadget and the owner may be unable to hand out the products in due time. The opposite can also happen.
3. The owner may change his product but not updating us or in the website/app about the change, so misleading information can also occur in some cases.