



North South University
Department of Electrical & Computer Engineering
Junior Project Proposal

Title of the Project: Buy&RepairGadgetsBd.

Group: Thunder

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Abstract

In this modern era we don't want to spend time in anything which we can get from home. Online platform gave us that chance to reduce our time to conduct our work. Now we can easily buy things from home. So this website is basically an e-commerce site by which can buy product from anywhere. Due to situation arises like corona virus we can't go out so we prefer online platforms to buy our product. Hardware parts of computer, electrical components, phones and its parts. There can have a system to hire any kind of technician and mechanics of that product to repair their electronic, computer and mobile parts. So, this website can use for multipurpose. People can add product from cart, order, delete. Review and rating will also there for people who want it.

Introduction

In our daily life we required a lot of accessories from different places. Online shopping is a platform where we can get our desire things from far and save our time. We can search what need and compare which product is better than other. So, this project is an E-commerce site by which people can buy mobile, computer, camera and some other accessories.

Background

In this topic we will discuss about our tools and things we are using in this project.

Things we are using:

1. **HTML, CSS, PHP:** we are using this for coding. In the front end we are using HTML, CSS and bootstrap. In the back-end we are using PHP. We are also using database management system.
2. **GitHub:** We will upload our work and committed it on the GitHub.
3. **Slack:** We will discuss everything regarding our project in the Slack.
4. **PowerPoint:** We will use PowerPoint for our project presentation slide.
5. **Photoshop:** We will use Photoshop for some basic reason. We needed some front end work and graphical work, that's why we will use Photoshop.

Objectives

People can't buy their desire things because of distance. People can buy their desired product via online. If the order is confirmed by customer then product manager will send this from courier service. So, customer can easily get the product.

Customer can't get their product by comparing with others.

There are issues like when we order things and after receiving the order product is completely different product. Review and Rating system will be there for them.

When search for things they don't get their all product from similar Categories. Category will help them finding product.

If customer has any complain for the product, they can return it within 7 days.

Scope

- Login
- online order
- cash on delivery payment
- rating
- review
- category
- complain
- search
- product return(if quality isn't good enough)

Methodology and Approach

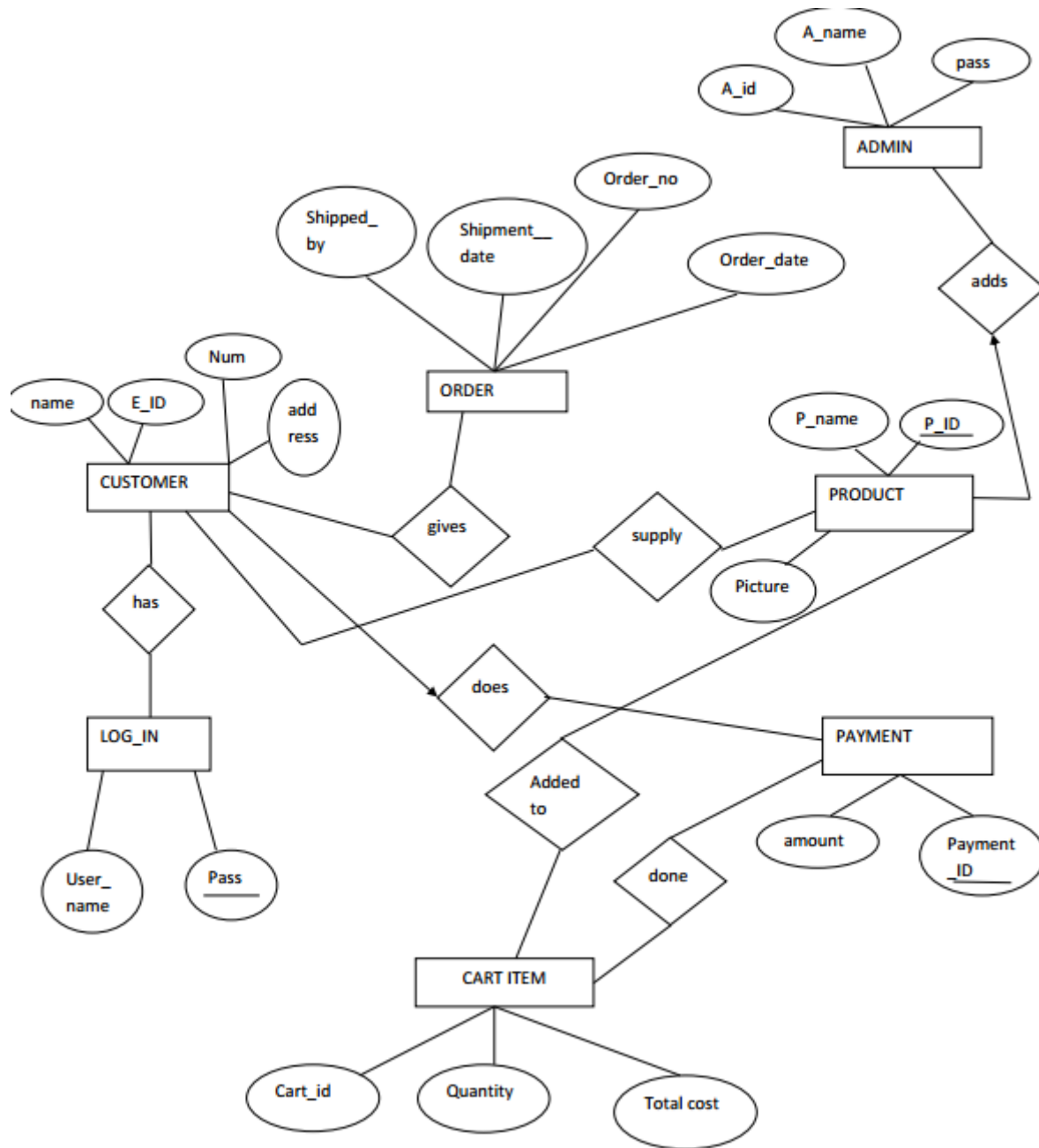
By applying agile method we will try to construct our project. We will incrementally grow our project, survey as a team. Our interaction will be in Slack, we will use trello for our weekly work chart. Intisar Tahmid Naheen Sir will instruct us through the journey.

Due to pandemic we can't discuss about project physically so group co-ordination will be the main challenge for us. If anyone get sick from pandemic then it would be tough to complete the project. If the hardware of device has any problem, then it will take time to recover in this situation. Delivery and product management can also a challenge in this situation. Some people don't respond in online survey.

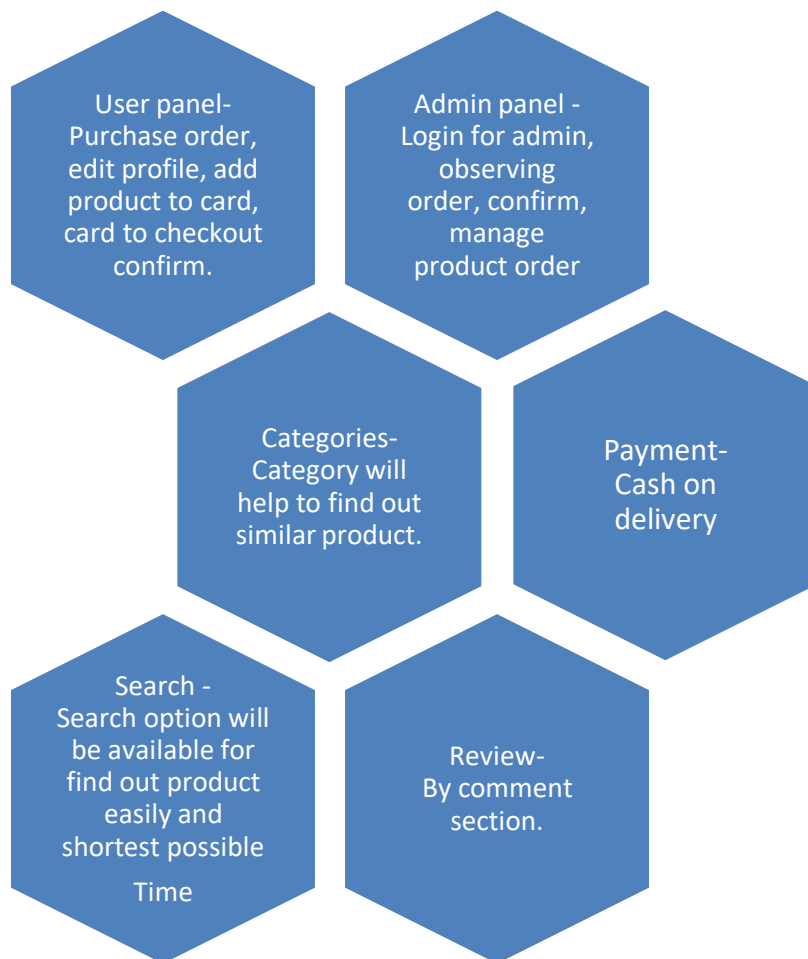
Languages

- HTML5
- CSS3
- Bootstrap4
- PHP
- MySQL

Entity relationship diagram:



Breakdown Stories to Task



Software Used:

- I. Visual Studio
- II. Sublime text
- III. Xampp
- IV. Pixie
- V. Google Chrome

Time-plan:

Serial	Description
Task 1	Installations,Frontend Design/customization of frame, Database, Admin Login, Logout.
Task 2	Add, Show, Edit, Update, Delete, Category, Database(cont.)
Task 3	Add, Show, Update, Delete Brand name, Database(cont.)
Task 4	Add product page, Edit, Update product, Delete product
Task 5	Add to cart, Cart page, Update/Delete from cart
Task 6	Product from category, Brands, Customer registration page, Login,Logout.
Task 7	Customer profile, Edit customer profile, Payments
Task 8	Order page, Control order from admin, Remove shifted product,
Task 9	Product compare option, repair request ,User access control

Table 1: List of all tasks

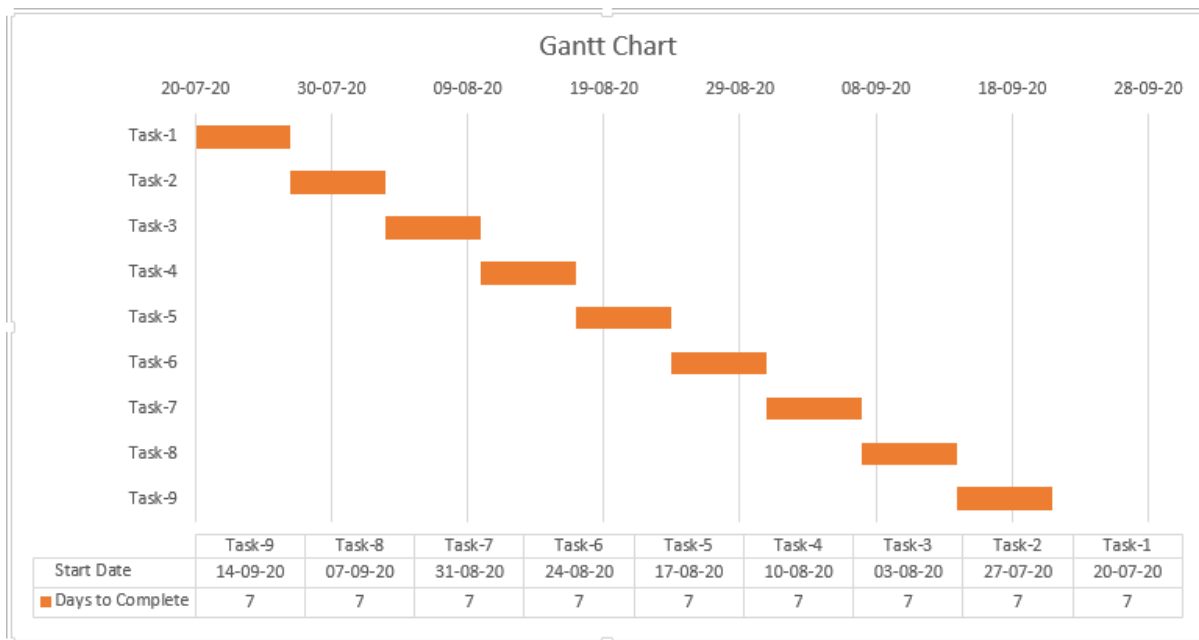


Figure 1: Gantt chart

Expected Outcomes:

People can buy their product easily from this website and if the extra feature added then they can repair their product which will be great. So, Developers are adding their features to online features to make them more featured. Many people will benefit from that site. Specially during the lockdown time. We can see in that lockdown, many people cannot go outside for buying their product. They can easily buy the products they need from our website at any time from home. So we think our project will help many people. We hope in future people can study about our project and they can add more plans to our project so that we can update more.