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Preliminary Project Report
On

Online Mobile Shopping

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Year 2019-2020

<u>CERTIFICATE</u>

This is to certify that the following students of T.Y. Computer, Vishwakarma Institute of Information Technology, Pune

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have successfully completed the project report on

Online Mobile Shopping

in the fulfillment of the requirements for the project completion of T.Y. Computer in academic year 2019-2020.

Project Guide: Prof. Disha Wankhede   **HOD**

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Software Requirements Specification

1. Introduction

There are some people in world who still believes in purchasing from the shops, but people who just can't invest their time to stop by a store and get themselves a mobile, laptop, tablet etc. they just prefer buying it online cause its time saving, money saving, and energy saving of course.

We have heard, seen, visited a lot of online sites, some have unique features, and some have interactive UI and what not. While surfing online these days everyone is concern about the privacy, security, confidentiality of their data. We as a user also check for the authentication of nay website before visiting it by checking if the URL mentioned in valid or not. There are some people in world who still believes in purchasing from the shops, but people who just can't invest their time to stop by a store and get themselves a mobile, laptop, tablet etc. they just prefer buying it online cause its time saving, money saving, and energy saving of course.

1.1 Purpose

The purpose behind developing this project is provide the facility to purchase a mobile product online without having a concern about the security since only verified users can be logged into the portal. As soon as any user is registering the portal it will check whether it is a verified user or not, nowadays hackers makes spam accounts due to which the traffic on the site increases as a result, unavailability of website.

We have tried to eliminate such problems while making the project.

1.2 Scope

As we're living in the world of digitization, a lot of small business group are switching towards the digital marketing, so this portal will be helpful for those who wants to switch to the world of digitization.

The requirements for this project will be changing as per the need of customer. This portal will be helpful for not only small vendors but also for the big distributors of the mobile phones, Tablets, Laptops etc. For now, there is only portal for the mobile shopping in future updates, we will try to implement load sections for computer, laptops and other peripheral devices.

1.3 Technologies to be used

- HTML
- CSS
- JavaScript
- Bootstrap
- AJAX
- PHP
- MySQL

1.4 Overview

The following points in the report will describe the further details about the online mobile shopping portal like, it's functional and non-functional requirement, use case diagrams, ER diagrams to get the better understanding of the project.

2. Overall Description

2.1 Product Perspective

There are few existing system available but the problem with those is they do not verify their users as a result, system in vulnerable to the attacks.

2.2 Product Functions

Few Major functions this system must perform
- Add newly launched mobile details and description
- Email through authentication.

2.3 User Classes and Characteristics

- Registering users to the online portal.
- Verifying every registered user
- Browsing mobile for purchasing.
- Can include different categories of mobile and other electronics.

2.4 Operating Environment

This system will be operated online, as it is a web based system. This system can be accessed by any person in order to purchase devices like laptop, computers, mobile phones, tablets, etc.
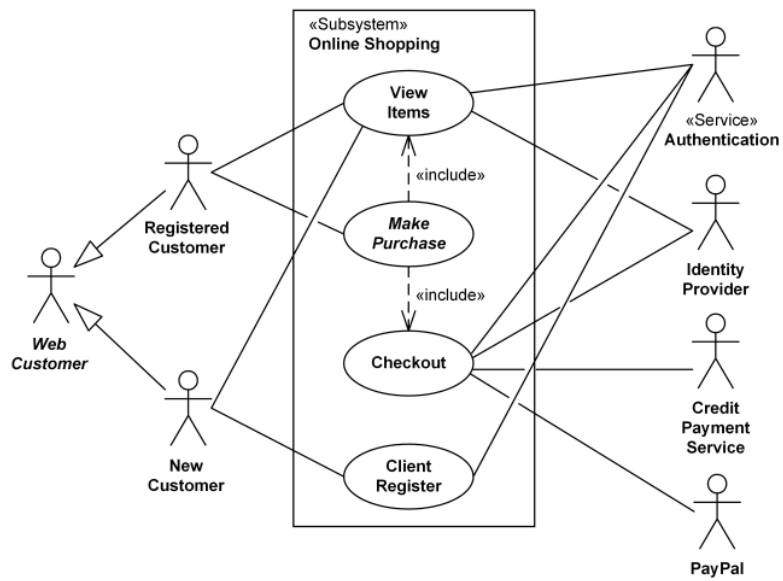
2.5   Use-Case Model

Fig: Use Case Diagram

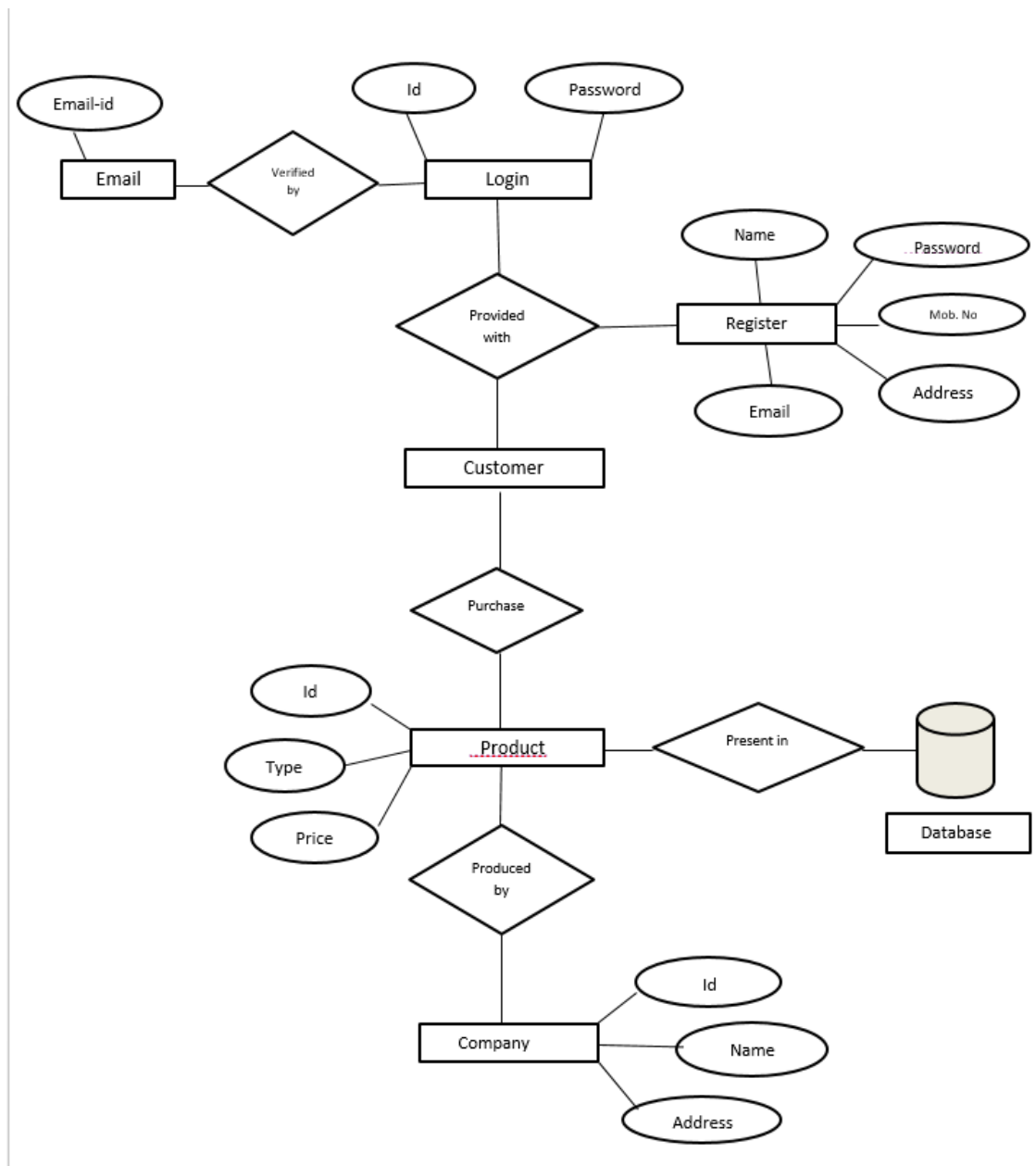**2.6   Architecture diagram & database design**

Fig: ER Diagram for online mobile shopping

2.7   Assumptions and Dependencies

No assumptions and dependencies are present in this system.

3. Specific Requirements

3.1 Performance Requirements

- Should be accessible by every device which have browser installed in it.

3.2 Safety Requirements

- Admin must use alphanumeric password to keep system secured.

3.3 Security Requirements

- System must encrypt the admin log in password to maintain confidentiality.

3.4 Use-Case Reports

Use case title	Home Page
Use case id	Login and registration
Requirement id	Admin or user
Description: It shows the login page where the user can register or log in	
Pre-condition: User must have internet connection to log in	
Task sequence	**Exceptions**
1] It will show the login page where email and password are needed to be enter	If no user registered, then nobody can logged in to the portal.
2] It will provide option reset password	
3] It will show the registration option.	
Post condition: System must login and register user successfully.	

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Use case title	Reset Password Page
Use case id	Resetting password
Requirement id	User
Description: Resetting password through authenticated	
Pre-condition: User must have valid and registered email	

Task sequence	Exceptions
1] User should enter authenticate email.	User might not receive mail if not registered
2] User should enter the received OTP.	Link might not work because of unstable internet

Post condition: User must be registered in the system.

3.5   **Supplementary Requirements**

 Non Functional Requirements

- The database should have information about the mobiles.
- System should provide login information of user.
- The reset option for password should be present.

3.6   **External Interface Requirements**

Following is the link of the systems UI and Code
https://drive.google.com/drive/u/1/folders/1Inyskb15EGX5VM99Wdppd95ydYy-YJAN
https://github.com/abolirode/Mini-Project-UIT

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4. Conclusion

Therefore in this way we can actually have a useful system for the small businesses to cope up with world of digital marketing, this will be helpful for them by many ways. The online mobile shopping will be a handy solution for the people to save their time and efforts for purchasing mobile phones.