

AN ENGINEERING PROJECT REPORT

ON

Online Liquor Supply

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CERTIFICATE (On Letter Head)

The undersigned certify that they have read & recommended to the Department of Electronics & Communication / IT & Computer / Civil, a final year project work entitled “The Title of the Project Work” submitted by (Names of the Students with Roll Numbers) in partial fulfillment of the requirements for the degree of Bachelor of Engineering.

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ABSTRACT

'Online Liquor Store' is based on delivering the liquor items in a different area by the different supplier nearer to the costumer. In this system, Liquor items are deliver to the person's home who order. The purpose of the project is to make easy for the people to get their favourite liquor items at their home as well as to help the supplier to sell their liquor items in online platform. It facilitate both supplier and the customer,supplier can sell their liquor items in the online platform where as customer can order item from multiple shop using single website. This system is made using HTML,CSS, PHP and My SQL for the databas

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1.Introduction

1.1 Background

Online liquor supply is the website from where people can order the liquor item from the shop nearer to them. It provide the home delivery facility so that the people can enjoy their liquor item in their home or any place at any time. Here customer doesn't need to open the different website of the different supplier they can choose the different supplier within the single website and can order. This kinds of service is provided by the only those one who have the idea of technology but in our system all the supplier that are interest in online liquor delivery can use our system to implement their business in online platform.

1.2 Rationale

Our product online liquor delivery facilitate both customer as well as the supplier. here different supplier get chance to implement their business in online platform and the user can choose the nearest liquor shop or the best shop that provide the best delivery or best service. It reduce the effort and time of customer of visiting multiple website for the ordering. It provide the your liquor item without any delivery charge.

1.3 Statements of the Problems

1. Only the technical people are using this type of concept.
2. Time consuming because customer used to visit the multiple website for getting online liquor deliver service.
3. Due to the location and distance problem consumer doesn't get deliver in time.

1.4 Objectives

1. To save the time and effort of user for visiting multiple website.
2. To supply liquor items in effective and in short time period.
3. To implement the liquor business in online platform

2. LITERATURE REVIEW

"Online Liquor Supply" the concept of this project is to deliver the liquor items to the people at their home at anytime. This project provides 24 hr service to the customer. This project is introduce for consumer in order to enjoy their favourite liquor items at any place at anytime it's only one order away.

In the past days, this service wasn't available that much but after Covid-19 people are getting used to the online services. Nowadays, many more online services out there but that's very time consuming for the consumer to visit multiple sites for finding their favourite liquor items and placing order.

In our project, we have the bunch of online distributors in which consumer can get in place. Placing the order are easy and less time consuming from this site. Consumer can place their order from their nearest liquor shop simply by putting their location. This sites shows nearest shops for consumer.

2.1 The Reason for selecting HTML,CSS,PHP,My SQL

We will complete our project using HTML,CSS,PHP and My SQL because we had already learned about it in our previous semester and also had applied in our previous project due to which we can easily complete our project in given time period and also can gain more information and their application in project

3. REQUIREMENT ANALYSIS

3.1 Feasibility Study

The system is technically feasible as all the necessary hardware and software are readily available. The required resources for the development and maintenance of the system are easily accessible. Moreover, the project is operationally feasible as it does not require users to have advanced computer knowledge to use it. The system is user-friendly, and users can easily learn to use it by reading the manual or tutorial provided by the developers. Additionally, the system is operationally efficient and provides effective data retrieval and storage functionality.

3.2 System Requirements

1. For frontend we will use HTML,CSS, Java Script
2. For backend we will use PHP
3. Database management system (MySQL)

3.3 Functional Requirements

1. It can take order from different customer
2. Order of respective customer is send to the chosen supplier
3. Act as the mediator between supplier and the customer
4. It can supply item at any time and any place

4.METHODOLOGY

After opening website interface will be seen where we have to enter the location and according to location provide the liquor shop situated in that location are shown and the customer will select the shop and order item. Before ordering customer have to register and login and provided certain information that will need to deliver the item correctly in correct time and correct location. Here the supplier also have to login to access the admin page after getting order the supplier deliver the item and payment will be done in cash. Here we will divide the task between our team member and every member perform their own task using the incremental model and after completing task we will integrate that and make the complete and working website.

4.1 Software Process Model(Incremental Model)

Incremental Model is a process of software development where requirements divided into multiple standalone modules of the software development cycle. In this model, each module goes through the requirements, design, implementation and testing phases. Every subsequent release of the module adds function to the previous release. The process continues until the complete system achieved. The various phases of incremental model are as follows:

- **Requirement analysis**

In the first phase of the incremental model, the product analysis expertise identifies the requirements. And the system functional requirements are understood by the requirement analysis team. To develop the software under the incremental model, this phase performs a crucial role.

- **Design and Development**

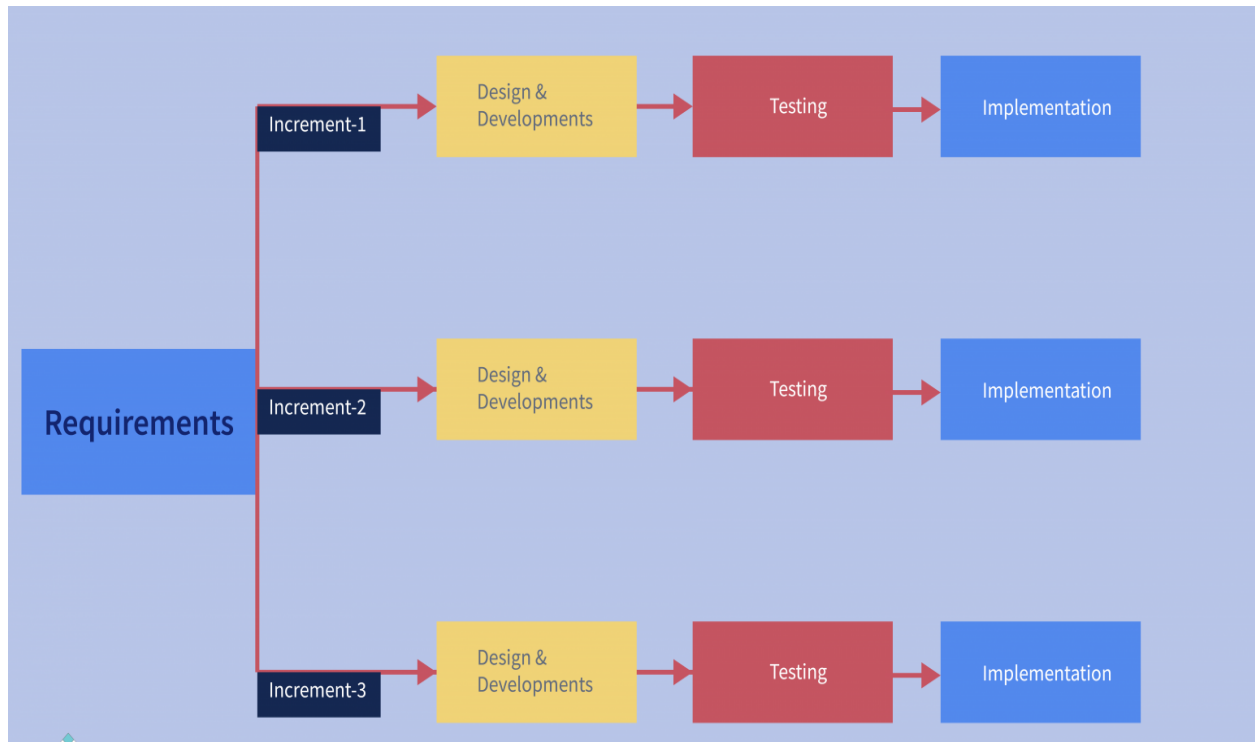
In this phase of the Incremental model of SDLC, the design of the system functionality and the development method are finished with success. When software develops new practicality, the incremental model uses style and development phase.

- **Testing**

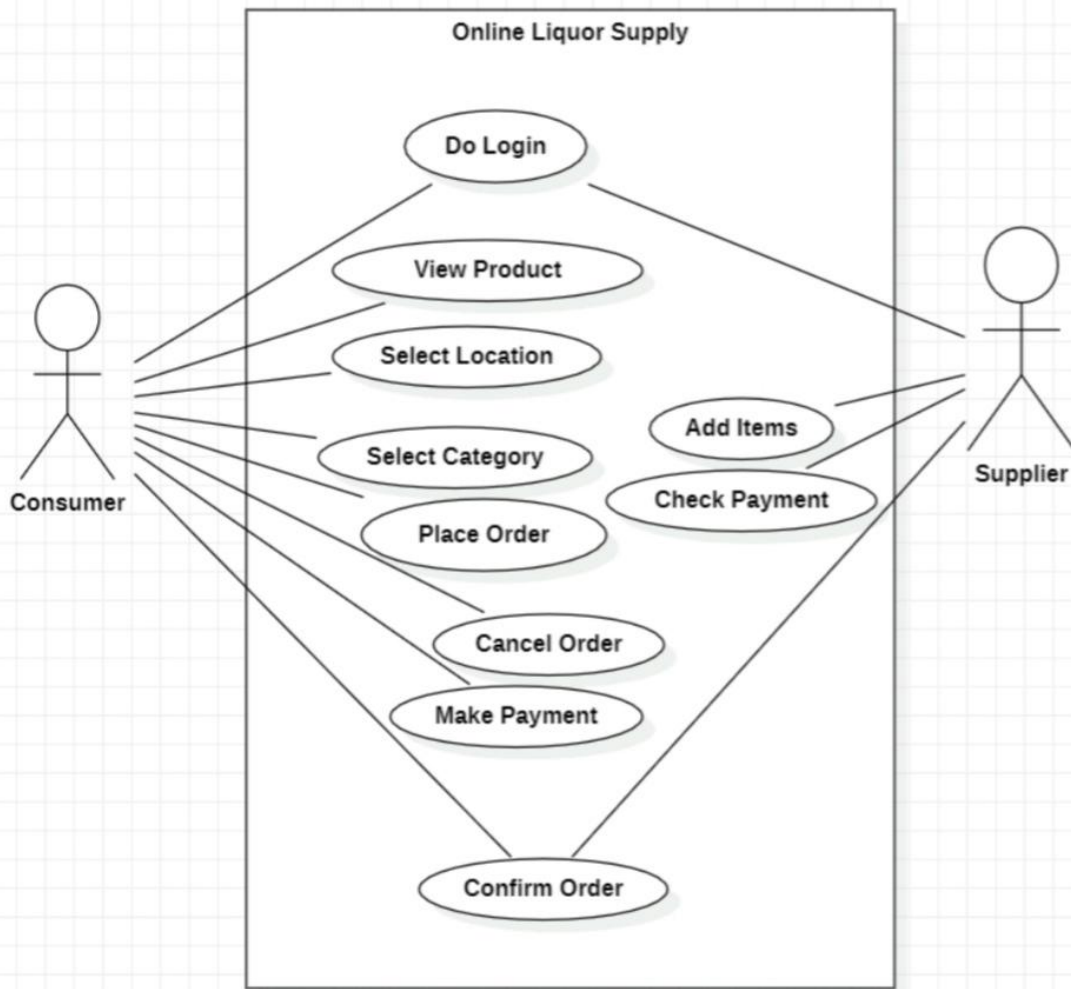
In the incremental model, the testing phase checks the performance of each existing function as well as additional functionality. In the testing phase, the various methods are used to test the behavior of each task.

- **Implementation**

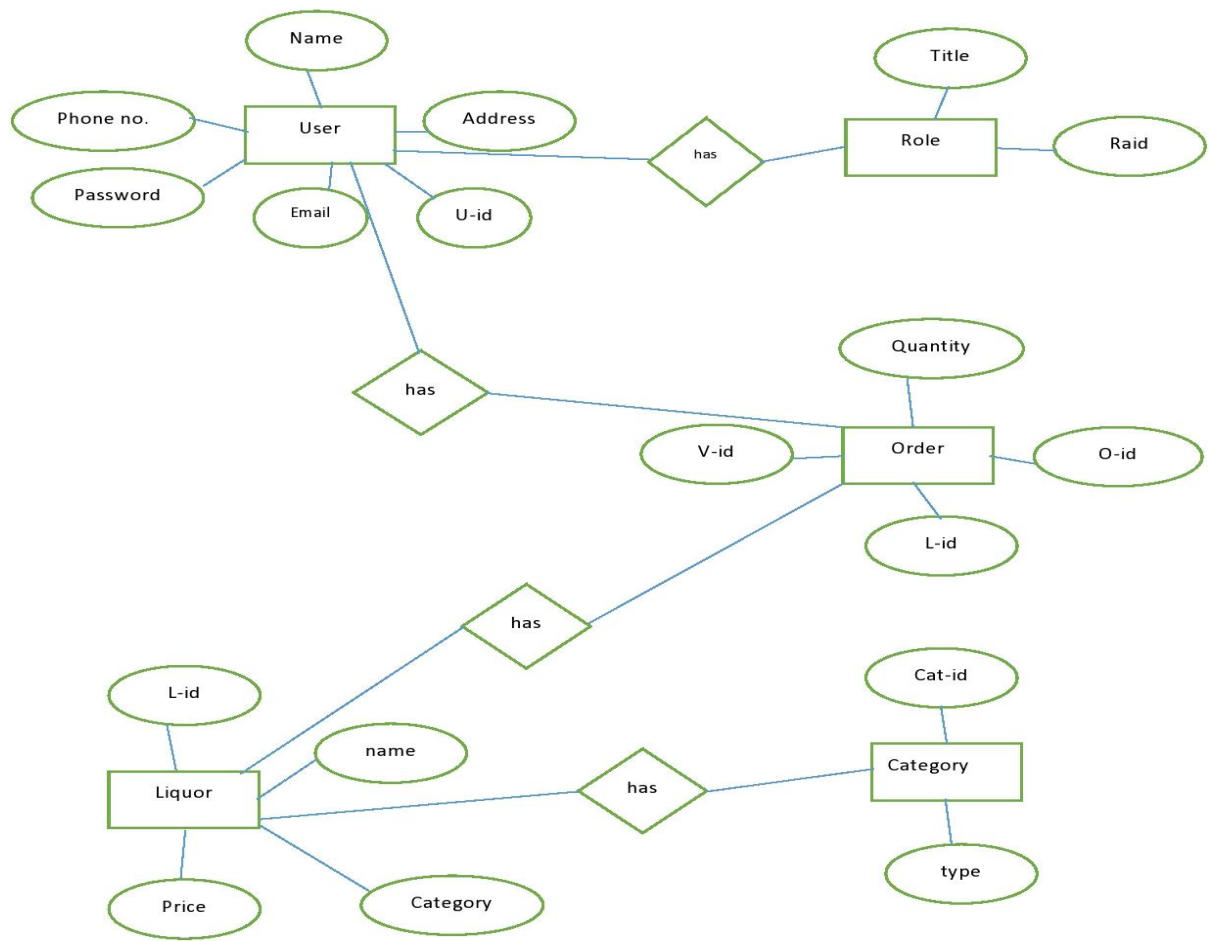
Implementation phase enables the coding phase of the development system. It involves the final coding that design in the designing and development phase and tests the functionality in the testing phase. After completion of this phase, the number of the product working is enhanced and upgraded up to the final system product.



INCREMENTAL MODEL



USE CASE DIAGRAM



ER DIAGRAM

REFERENCES

- [1] Albert H., Judd, Rivers, (2006) “Creating a winning E-Business”, Wagner Course Technology Thomson Learning, pp. 37-255.
- [2] Alawneh A., and Hattab E, (2007) “E-Business Value Creation: An Exploratory Study, Proceedings of the Seventh International Conference on Electronic Business”, Taipei, pp. 181-188.
- [3] Alawneh A., and Hattab E (2009). “International Arab Journal of eTechnology”, Vol. 1, No. 2, pp. 1-8
- [4] Amit B. and Steve M. (2007), “How to Plan E-Business Initiatives in Established Companies”, Vol. 49, No. 1, pp. 11-22

