



**FINAL YEAR PROJECT REPORT**  
**MULTI-VENDOR POS SYSTEM**

**In fulfillment of the requirement  
For degree of  
BS (COMPUTER SCIENCES)**

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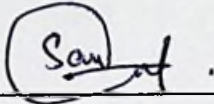
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**SPRING-2022**

**DECLARATION**

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

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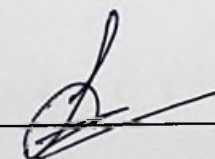
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## MULTI-VENDOR POS SYSTEM

### ABSTRACT

With the rapid development of the Internet in recent years, the Internet has provided people with a particularly important way of information source for their life.

In the present time, Point of Sale (POS) is becoming a huge factor of the business world. Without a proper automated system, piled up paper works might emerge and multiple issues might occur since everything is hand written in a logbook and the guaranteed safety of the data's are more likely nothing. The main purpose of this study is to design and develop an Inventory Management System using laravel framework and implement a Point of Sale with a user-monitoring feature, real time based. The objective of the study is to resolve the current issue of the client's data storing procedure and sale processing. It is a well-known fact, that accurate control and management of inventory for POS is one of the foremost tasks, in order for it to reach its vision and mission. 'Inventory' can be defined as the objects or goods that are sold, distributed or used by vendor. Primary objective of management of the inventory is to determine/control stock levels within the physical distribution system. Inventory management involves processes that identify inventory requirements, setting targets, providing replenishment methods, reporting inventory status, and handling all functions related to the tracking and management of goods. Controlling the inventory mainly focuses on using the inventory efficiently keeping up with changes in demand to avoid overstock and avoiding item spoilage. The method is executed utilizing three methodologies, with a previous database connection, a middle level Apache server and a web program as the front-end client. So as to create web-based marketing application we use html tag, CSS tag, Bootstrap framework, PHP Laravel and social database connection in My SQL.

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