DEBUGGING AND TESTING

Purpose of Testing

The purpose of software testing is to access or evaluate the capabilities or attributes of a software program's ability to adequately meet the applicable standards and application need. Testing does not ensure quality and the purpose of testing is not to find bugs. Testing can be verification and validation or reliability estimation. The primary objective if testing includes:

⮚ To identifying defects in the application.

⮚ The most important role of testing is simply to provide information.

⮚ to check the proper working of the application while inserting updating and deleting the entry of the products.

Type of Testing

We have used one type of testing to ensure the error free features of our software application:

Units Test

This type of testing is the testing of individual software components. It is typically done by the programmer and not by the testers. It requires details information and knowledge about the internal program design and code to perform this.

During unit testing, we carried out various testing task such as the reflection of the unit data on database and its interface. Various types of bugs associated with the component were identified and fixed. We use various functional keys to test our software.

In our software unit testing is concerned with the stock units, opening stock units and product units validation as well as the validation of product units