**INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES**

**DEVI AHILYA VISHWAVIDYALAYA, INDORE**



**PROJECT REPORT ON**

**Online Wholesale Shopping Mobile Application**

**Wholesaler Hub**

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* **PREFACE**

The purpose of the document is to specify the project plan to develope the shopping application. This document outlines a brief plan about how the project is to be shaped and also include the milestones and deliverable.This document will serve as a guide for the developer, developing project. Updates of this document will serve to record the progress of the project.

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**1 Introduction**

* **Objective**

The project developed is a web baded application that will help user to purchase foot wear in bulk. The software will provide the user with graphical interface which will help them to chose appropriate product and provide easy way to buy things in wholesale price.

* **Major Functions**

The application will be primarily used by two types of user. First will be the general user who wishes to make a purchase. Second will be the administrator of the software. The administrator is the super user of the application . He has the entire control of the system.

The major functions specific to the two types of the above mentioned users are:

**The Administrator**

* Add product
* View user transaction
* Watch user activities

**The General user**

* Registration
* Login to the site
* Browse products and Purchase them
* **Performance Issues**

Factor critical in deciding the performance of the software are:

* **Internet Connection**

Being predominantly a mobile application ,fast internet connection is a necessity. Slow connection may hamper performance.

* **Server Performance**

Performance may also be hampered by excessive traffic.

* **Management and Technical Constraints**
* *Managerial Constraints*
* Completing the project in the designated time period is the biggest constraint ahead.
* To include all the function of the project above mentioned in the application will be another constraint.
* Distributing nad completing tasks will be another constraint.
* *Technical Constraints*
* The software will be developed in platforms which are open sourse and continuously evolving ,So as such there will be no specific technical constraints. More over being a mobile application the software will be accessed via android policies. So it will be platform independent . Few technical constraints which might come in the way are:
* Database designed should be normalized.
* The credential of user should be encrypted and then store in the database.
* The transfer of funds for purchasing should be through a secured connection.

# Schedule

* **Work Breakdown Structure**

The following work breakdown structure shows the project discrete key elements. It organises and defines the total work scope of the project. It shows the various subdivisions of works required to attain the project.

* **Task Network representation**

The following diagram shows the detail task network of estimated time slots that will be allotted to the key elements introduced in the WBS.Each block tells us the name of the key feature and the time that will be given to it.

**Gantt chart**

The following gantt chart indicates the starting and ending dates of the various key elements introduced in the WBS. It also tells about the interdependence between the element.

**3 Project Resources**

* **People**

The software will be developed by a 2 people.The members of the group are:

* Karan ahiriya
* Sourabh patidar
* **Hardware and Software Requirements**

The minimum hardware requirements are:

**Server side:**

Memory: 2GB RAM

Processor: Minimum Dual core

**Client side:**

Memory: 2GB RAM

Processor: Minimum Dual core

* **The minimum software requirements are:**

**Server Side:**

As application developed on Flutter,soIt must be installed on server side.For database purpose we use Firebase.

**Client Side:**

Android version above 4.1.

* **Special Resources**

For developing this application the resources being used are:

* Dart
* Flutter
* Visual studio
* Google Firebase

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1. [↑](#footnote-ref-2)