**1.SYNOPSIS**

**1.1 Title of the topic:**

**“FASHION FORGE”**

**1.2Introduction:**

‘**FASHION FORGE**’ is a software to maintain the purchase, sales and stock of the raw materials, and the details of the staff working in the company. Admin keeps track of the various stages of stitching clothes and employee details will also be maintained in the application. Various reports will be generated. The Notification will be provided for the customer.

The purpose of **FASHION FORGE** is to create or impress the people with trends in clothing and accessories that can be either brought out in market or used personally by celebrities or clients of popular fashion brands. It is the Fashion Designers who design and plan outfits and bring innovation in them.

**1.3 Objectives and scope:**

* To maintain uninterrupted flow of materials to support the development schedules.
* To manage the good relationship with buyer and seller.
* To keep track of fashion design cloth stitching order.
* Improved stock control through wastage and profit margin monitoring purchase orders and tracking of inter outlet stock transfers.
* More accurate recording of sales and purchase.
* An extensive sales and inventory software solution is to optimise efficiency in recording each factor in the exchange.
* Staff also will get acess to the application which helps to track work assigend.

**1.4 STAKE HOLDERS**

* Admin
* Customer(retailers&wholesalers)
* Staff

**1.5 Project category:**

Web based relational database management system.

**1.6 Language Tools:**

**Front End:1.6.1. HTML**

HTML is a mark-up language that are used to create electronic documents, especially pages on the World Wide Web that contain connections called hyperlinks to other pages. Every web page you see on the Internet, including this one contains HTML code that helps format and show text and images in an easy-to read format. Without HTML a browser would not know how to format a page and would only display.

**1.6.2. CSS**

CSS is a style sheet language used for describing the presentation of a document written in a mark-up language. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document, including plain XML, SVG and XUL, and is applicable to rendering in speech, or on other media. Along with HTML and JavaScript, CSS is a cornerstone technology used by most websites to create visually engaging webpages, user interfaces for web applications, and user interfaces for many mobile applications.

**1.6.3 JavaScript**

JavaScript HTML and CSS, JavaScript is one of the three core technologies of World Wide Web content production. It is used to make webpages interactive and provide online programs, including video games. The majority of websites employ it, and all modern web browsers support it without the need for plug ins by means of a built-in JavaScript engine. Each of the many JavaScript engines represent a different implementation of JavaScript, all based on the ECMA Script specification, with some engines not supporting the spec fully, and with many engines supporting additional features beyond ECMA. It has an API for working with text, arrays, dates, regular expressions, and basic manipulation of the DOM, but does not include any I/O, such as networking, storage, or graphics facilities, relying for these upon the host environment in which it is embedded.

* **Back End: : PHP**

PHP stand for: PHP hypertext pre-processor. PHP is server side scripting language, like ASP. Scripts are executed on server.PHP supports many databases (MYSQL, infomix, oracle, generic odb etc). PHP is open source software (OSS), this runs on the various platform (windows, mac OSX etc)

**1.7 Hardware Requirements:**

* Processor: Intel Dual Core or any higher version.
* Processor Speed: Minimum 1.83 GHz.
* RAM: 256 MB of RAM.
* Hard Disk: 40GB or above.

**1.8 Software Requirements:**

* Operating system: Windows XP or above.
* Sublime 3
* Browser: Chrome, Mozilla Firefox or any other browsing application.
* PHP, MYSQL.

**1.9 ASSUPTION**

* Reduce paper work
* User friendly
* Human effort is reduced
* Speed of working process

**1.10 Module description:**

**1.10.1** Admin:

is the authorized person who controls the overall website. Admin can perform the following activities.

* **Login:** A login logging in or logging on is the entering of identifier information into a system by admin in order to access that system.
* **Manage raw materials:** Raw materials are purchasing and sales material used in the primary production or manufacturing of goods.
* **Manage order:** It includes search order, track order, delivery information and update order status. View information about user order including delivery by date, destination and tracking information.
* **Manage staff details:** Add Employee details, show list of employees and delete the employee record.
* **Manage purchase:** This managing the purchase of the goods and servies that company requires form suppliers and vendor
* **Manage customer details:** The practice of managing customer data in an enterprise.
* **Manage vendor details:** When describing the activities included in researching and sourcing vendors.
* **Manage design:** It includes Embroidery, stone embellishment, mirror work and Zardosi.
* **Manage patterns:** Is a behavioral design pattern in which an object is used to encapsulate all information needed to perform an action or trigger an event at a later time.
* **Manage measurements:** Made to measure typically refers to custom clothing that is cut and sewn using standard size based pattern.
* **Verify payment:** Making a deposit also automatically verifies your payment method.
* **Generate bill:** A generate a bill is a computer program whose purpose is to take data from a source such as database.
* **Assign work :** Creating various colthing and accessory designs that appeal to consumers.
* **View feedback:** User feedback viewed by admin.

**1.10.2 Customer**

User has to register to this application to subscribe cloth stitching cart and to keep stitching request.

* **Register**:This module is designed with an intention to provide security to the user.
* **Order:**Place order: place an order to order something to submit an a order for a product and user views the order.
* **Choose raw material:** raw materials are the resources used by a company to produce its finished goods and products.
* **Choose design on material:** Material selection is a step in the process of designing any physical object and is too minimize cost while meeting product performance goals.
* **Choose pattern:** Pattern to a design or to customary behavior.
* **Give measurement**: Measurement is the determination or estimation of ratio of quantities.
* **Make online payment:** Online payment system is a way of making transactions or paying for goods and services through an electronic medium, without the use of checks or cash.
* **View bill:** A bill is a written statement of money.
* **Give feedback:** Helpful information or criticism given to someone to indicate what can be done to improve something.

**1.10.3 Staff**

* **Staff login:** In this module Staff can login by their username and password.
* **View Assigned work :** In this module staff canview the work assigned by admin
* **View design:** In this staff can viewthe Embroidery, stone embellishment, mirror work and Zardosi designs.
* **View raw material:** In this module Staff can view raw material .
* **View feedback:** In this module staff can view the feedback.

**1.11 User class and characterstics**

**1.11.1 Administrators**

Administrator are the ones who can add or adminster orders,items,materials,vendors etc.