EXPOSYS DATA LABS

DOMAIN:

Web Development

TASK:

Create a Multi-Page Responsive Website

DONE BY:

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ABSTRACT:

There are many important milestones in life, and no celebration is complete without an appropriate outfit. The main goal of this seamster webpage assignment is to develop a website for a firm that designs costumes so that clients can browse descriptions, compare costs, and provide comments on customization options. We get Information about the various embroidered collections and patterns is provided via the online boutique project. It allows users to shop for clothing in online. This website makes it simple for users to order costumes. Additionally, by focusing on other tasks rather than squandering time, it may ensure that people use their time properly.

Customer care is crucial. As a result, every consumer must be happy with their purchases. This solution performs better than other traditional approaches in terms of dependability and efficacy.

Our project's primary goal is to give consumers an online costume shopping experience that enables them to compare prices, browse more goods, and shop online.

TABLE OF CONTENT:

INTRODUCTION:

The topic of this project is costume shopping online. There are several applications in use now that provide information about the new online boutique system. The most successful businesses in India include Myntra, Meesho, and Flipkart, which show how people are moving from physical to online spaces. Nowadays, people prefer taking the simple route since it always makes life simpler.

In this assignment, we create a web page for a website that allows users to create costumes online. This page includes information about the types of designs available, login choices, and signup options for new users who wish to register on the website. The part of the website titled "Embroidery Design Collections" categorises many sorts of collections. On this website, we

create costumes depending on the specifications of the client, including colour, size, fabric type, and design.

TECHNOLOGY USED:

a) Hardware:

1 TB storage

8 GB RAM desktop

b) Software:

Notepad++ (for code)

Web browser

Operating System (Windows, Linux)

Visual studio 2017

c) Language Used:

HTML

CSS

JAVASCRIPT

CONTENTS OF THE WEB PAGE:

- Home page
- Login page
- Signup page
- Catalogue page
- Product page
- Location
- Contact us
- Prices and offers
- Reviews

This web page is developed using HTML, CSS, and JavaScript. HTML is used to prepare the main web page for the online costume designing system. CSS is used to make it more attractive

and elegant. Customers are always attracted to the attraction we made for them. different types of loading are used for different font styling in it.

MODULES:

This project is split into three sections:

The primary home page of the seamster website is coded in the first section, which is referred to as the index file. All the information about the designs and costume collection is contained in this code.

CSS style refers to the second section. This document explains the CSS programming that gives the HTML home page styling and makes it appear much more beautiful. This module provides it a polished appearance and makes it visually appealing for visitors.

The various codes for the exquisite various font styles are supplied in the third portion. For the typefaces, there are 3 distinct files available. There are many photos featured here, along with the developer's logo.

EXISTING METHOD:

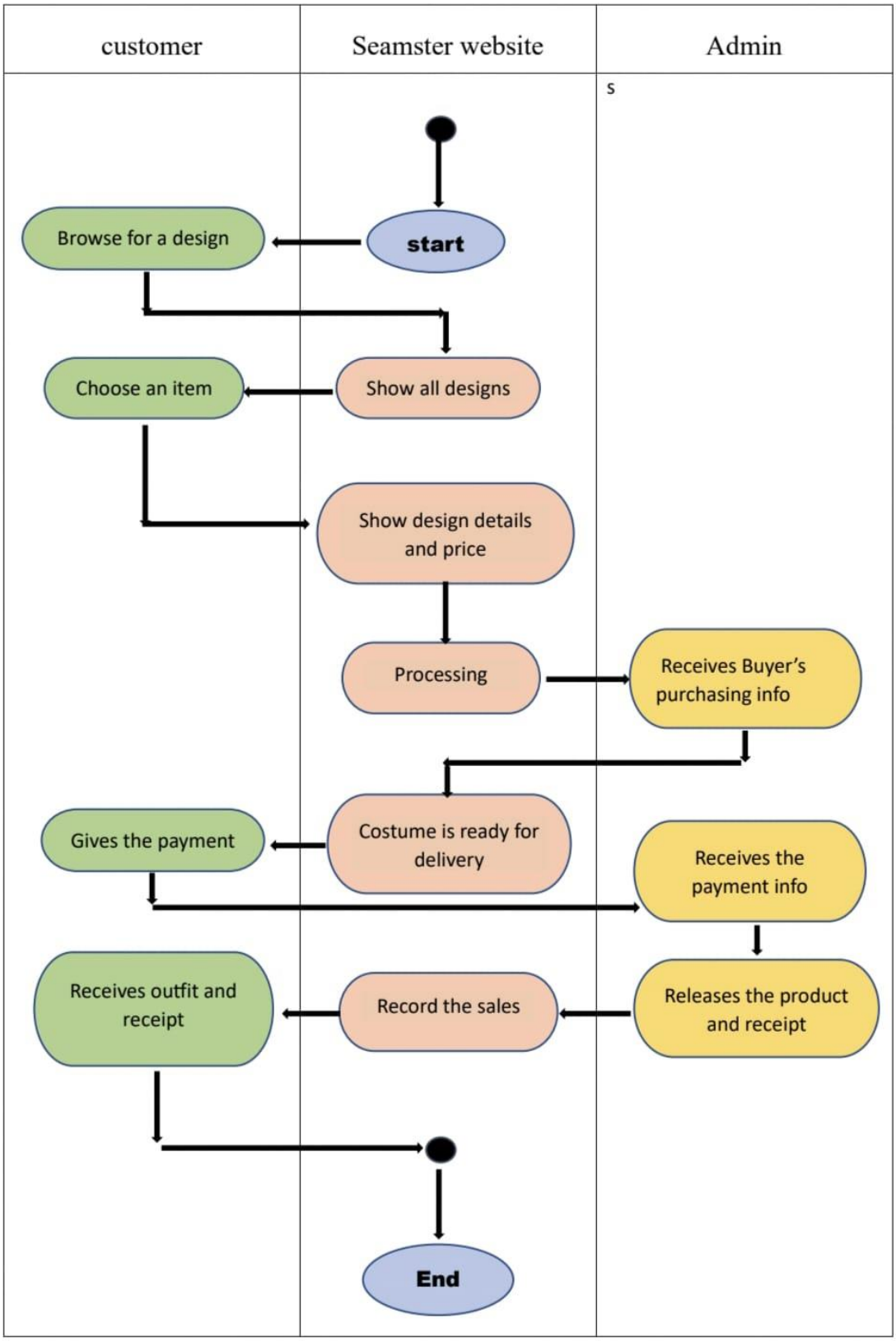
In the existing method Customers must visit the tailor shop to return their clothing and choose the designs and matching materials.they have to spend more amount of time at shop to decide the designs. there is a possibility that the tailors will be overwhelmed with orders and unable to simultaneously satisfy the needs of every customer.customers are not able to get the required outfit.

PROPOSED METHOD :

The proposed system eliminates the requirement for the consumer to leave home since he may get all collection and design model information with a single click. To access the costume collections that the designer has contributed, the customer must register and log in.

We built a new system known as "online costume designing site" to address the problems the current system was having. It is created with the use of an online web application. It is superior to the manual system in many ways.

ARCHITECTURE:



METHODOLOGY:

The simulation first starts with the customer entering his or her credentials (name, ID, and password). If the customer doesn't have an account, he signs up; otherwise, he signs in. Now we get a window that displays the different dress models and blouse designs. The customer can place an order specifying the size of the costume requirement. Now we get a window that displays the order number, customer ID, price, design, size, and quantity. Once the customer finalises his or her order, they are redirected to the payment window, where the total price is displayed and the customer can choose the payment option. The customer will get the confirmation message.

The above-mentioned simulation will flow with respect to the customer's overview. If you are an admin, you can select the normal login option and enter the admin portal. Once you enter the admin portal, you can add or reduce collections or update different models and their prices. Once the selected option is carried out to the end result, the added item list will be displayed, and if you have deleted the designs, the particular design will disappear.

IMPLEMENTATION:

1. The process of converting design assets, such as wireframes or mockups, into actual web elements utilising JavaScript, CSS, and HTML. Reduce the design's complexity for simpler implementation.
2. Create the foundational HTML framework for the site pages. To give the content structure and significance, use semantic HTML components. When constructing the HTML, keep accessibility best practises in mind.
3. To create the desired visual display, apply CSS styles to the HTML components. Write modular, maintainable CSS code by utilising preprocessors like Sass or Less. Utilise responsive design strategies to make sure the website appears and works properly on a range of devices and screen sizes.
4. JavaScript may be used to provide behaviour and interaction to web pages. Include any necessary interactive elements, such as dynamic content loading, client-side validation, and form submissions. Make use of JavaScript frameworks or libraries, such as React, Vue.js, or jQuery, when necessary.
5. Cross-browser compatibility must be verified by testing the web application on several browsers. Resolve any contradictions or problems that result from browser-specific behaviours or outdated browser versions.
6. A website's speed can be improved by minifying and compressing its CSS and JavaScript files. Improve website performance by optimising pictures for the web, taking use of browser caching, and using other performance-enhancing strategies.
7. Test the implementation of the front-end in great detail. Test the usability, responsiveness, and user experience on various hardware, software, and screen sizes. Use manual testing, automated testing frameworks, and debugging tools to find and correct any problems.

8. Use a version control programme like Git to keep track of changes and communicate with other devs. Make branches, merge code, and make sure the front-end codebase is properly versioned.
9. Prepare the front-end code for deployment before deploying it. For production, minify and bundle JavaScript and CSS files. Make sure that every asset is optimised and correctly referred to. For public access, the code should be deployed to a production server or a content delivery network (CDN).

CONCLUSION:

The technique for ordering costumes online was created so that clients could place orders without having to wait in line at the boutique. The user registers online and selects the necessary outfit using the application. When the client chooses the required outfit, the seamstress (tailor) can view the results on the screen and begin stitching in accordance with the client's specifications.

The benefit is that in a busy boutique, there is a possibility that the tailors will be overwhelmed with orders and unable to simultaneously satisfy the needs of every customer. Therefore, users of this programme can place straight online orders for their outfits.