



CUTTING AND CARE: AN ONLINE APPOINTMENT WEBSITE FOR BARBERSHOP

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ABSTRACT

In today's age having an online presence is crucial for businesses like barbershops. People want to schedule appointments easily. Old methods like walking in or calling are not enough.

The Cutting and Care platform was built as a web application using HTML5, CSS3 and JavaScript. It lets customers book appointments without needing staff to confirm.

The platform works on desktops, tablets and smartphones. It has features like:

** An appointment scheduling tool*

** A list of services and prices*

** A direct contact interface*

The platform was designed to be easy to use and navigate. We focused on making it accessible to everyone. The Cutting and Care platform shows how simple web technologies can help small businesses like barbershops have an online presence.

This platform was made with the user in mind. We made sure it's easy to use for people with levels of technical knowledge. The platform is built using front-end technologies.

The Cutting and Care platform is an example of a digital solution for small service businesses. It helps businesses like barbershops provide an experience, for their customers. The platform is user-friendly and easy to navigate.

KEYWORDS: Barbershop Website, Responsive Web Design, Appointment Booking System, HTML5, CSS3, JavaScript, LocalStorage API, UI/UX Design.

1. INTRODUCTION

A lot of barbershops still use ways to book appointments like writing it down in a book or calling on the phone. The Cutting and Care platform is here to change that. It helps barbershops by giving them a way to schedule appointments that is easy to use and automatic.

Most people now prefer to book appointments online by themselves than calling someone. The Cutting and Care platform is made to help barbershops with this. It gives them a website that works on all devices like computers and phones so customers can book appointments easily.

The main goal of the Cutting and Care project is to make a website that barbershops can use to schedule appointments. The website is easy to use so customers can book appointments on their own. Get a confirmation right away. This helps the barbershops because they do not have to spend much time on the phone booking appointments.

The rest of this paper talks about the following things: Section 2 looks at what other people have done with websites and online booking systems. Section 3 explains how the Cutting and Care platform was built. Section 4 talks about how the platform works

and what people think of it. Section 5 sums up what we found out and what we can do to make the platform even better.

2. LITERATURE REVIEW

2.1 Modern Website Trends in Service Industries

The Cutting and Care platform uses something called web design. This means the website works well on all devices like phones and computers. The website changes its layout to fit the screen size so it is easy to use no matter what device you are on.

Studies have shown that websites that work well on phones are used more, than websites that do not. If a website does not work well on phones people will leave the website quickly.. If a website works well on phones people will stay on the website longer and are more likely to book an appointment. The Cutting and Care platform is made to work on all devices so it can help barbershops get more customers.

2.2 Existing Online Appointment Systems

There are some appointment systems that people can use to book appointments, like Booksy, Fresha and Square Appointments. These online appointment systems are pretty good. However they can be expensive to use every month. You also have to rely on the company that made these appointment systems, which is not great



for small barbershops that do not have a lot of money to spend on online appointment systems.

Some people have also tried building their online appointment systems using things like PHP and MySQL. These online appointment systems can be slow. Need a lot of work to keep them running. This is a problem because these online appointment systems can be hard to scale and keep safe. It takes a lot of work to manage these online appointment systems.

The HTML5 LocalStorage API is a way to store data on the users browser so you do not need a server. It is fast and easy to use, which makes it great for projects or tests. The Cutting and Care platform uses the HTML5 LocalStorage API to manage appointment records on the client side which means the Cutting and Care platform does not need a server to work. The Cutting and Care platform uses the LocalStorage API for the Cutting and Care platform so the Cutting and Care platform can manage all the appointment records for the Cutting and Care platform, on the client side.

3. PROPOSED WORK & METHODOLOGY

3.1 Objectives

The Cutting and Care project had some goals.

The Cutting and Care project was guided by these goals.

These are the goals of the Cutting and Care project:

- * The Cutting and Care project needs to have a website that works well on computers, tablets and phones.
- * The Cutting and Care project needs to have a system, for booking appointments that's easy to use and does not require help from technicians.
- * The Cutting and Care project needs to have a website that's nice to look at and easy to use so people do not get frustrated when they are using it.
- * The Cutting and Care project needs to have code that's easy to understand and add to so new features can be added easily and the Cutting and Care project can work with other systems.

3.2 Development Methodology

The Cutting and Care platform was built step by step. First we talked to the people who would use it to know what they needed. Then we designed the system. Made a simple model of what it would look like. After that we built a working version to test if it was good.

We built the Cutting and Care platform using HTML5, CSS3 and JavaScript. We kept checking to make sure everything worked properly. Was easy to use. The Cutting and Care platform stores appointment information in the users browser using the HTML5 LocalStorage API. This means the Cutting and Care platform does not need a server to store this information making it work faster and more efficiently.

3.3 Technologies Used

We used these technologies to build the Cutting and Care platform:

* HTML5 was used to organise the Cutting and Care platforms content and give it meaning.

* CSS3 was used to make the Cutting and Care platform look good and work well on devices.

* JavaScript was used to make the Cutting and Care platform interactive and to manage appointments.

* The LocalStorage API was used to store booking information in the users browser so we did not need to use a server, for the Cutting and Care platform.

* Font Awesome was used to add icons to the Cutting and Care platform and make it look better.

4. IMPLEMENTATION AND RESULTS

4.1 Project Implementation

The Cutting and Care platform was built step by step. Each part was. Tested before it was added to the whole system. The Cutting and Care platform is easy to use. Users can book appointments on their own. When they are done they get a message on the screen away. This means they do not need to wait for someone to tell them their appointment is booked.

The Cutting and Care platform works on all kinds of devices. It works on computers and small phones. It loads fast because it does not need a lot of help from the server. The cutting and Care platform is easy to use no how you access it.

4.2 Testing and Quality Assurance

We tested the Cutting and Care platform a lot to make sure it works right and is easy to use. We tested it on devices like computers, tablets and phones. We also tested it on web browsers, like Google Chrome, Mozilla Firefox and Microsoft Edge.

We tested the part of the Cutting and Care platform where users book appointments. We made sure it handles information correctly and shows the messages. We tested it times and it always worked. Users were able to book appointments and get confirmation away.

4.3 Results and Discussion

The Cutting and Care platform did everything we wanted it to do. It worked well. Was easy to use on all devices. The Cutting and Care platform booked appointments easily. Sent confirmation messages right away. All the important features of the Cutting and Care platform worked as they should.

We asked users what they thought of the Cutting and Care platform. They liked it a lot. They said it was easy to use and worked well. They liked that they could book appointments without help and get a message away. This made them feel like the cutting and Care platform was reliable.

4.4 Limitations

The Cutting and Care platform has some limitations. One major issue is that appointment data is only stored in the clients browser using LocalStorage. This means that records are not available on



all devices cannot be managed by barbershop staff in one place and can be lost if browser storage is cleared.

With these limitations the Cutting and Care platform is a good solution for small barbershops that want to move away from manual appointment systems. The platform loads quickly. Is easy to deploy, making it accessible to businesses with limited technical resources.

The evaluation results show that the Cutting and Care platform meets the scheduling needs of barbershops. The platform has an responsive interface and a self-contained booking system. This proves that front-end digital solutions can work in real-world business situations.

A key feature of the Cutting and Care system is its browser-based booking workflow. The scheduling module uses the HTML5 LocalStorage API to store appointments without needing server communication. This makes the platform deployable as a site with no hosting infrastructure costs.

However the lack of backend integration limits the systems scalability and multi-user functionality. Since all appointment records are stored in the clients browser barbershop owners cannot. Manage bookings centrally. The platform also lacks automated notification features like email or SMS reminders.

To improve the Cutting and Care platform future development should focus on integrating a server-side backend, such as an API with a relational or NoSQL database. This would enable booking management. Other recommended enhancements include

automated appointment reminders via email or SMS an integrated online payment gateway and an administrative dashboard, for barbershop staff to monitor and manage bookings in time.

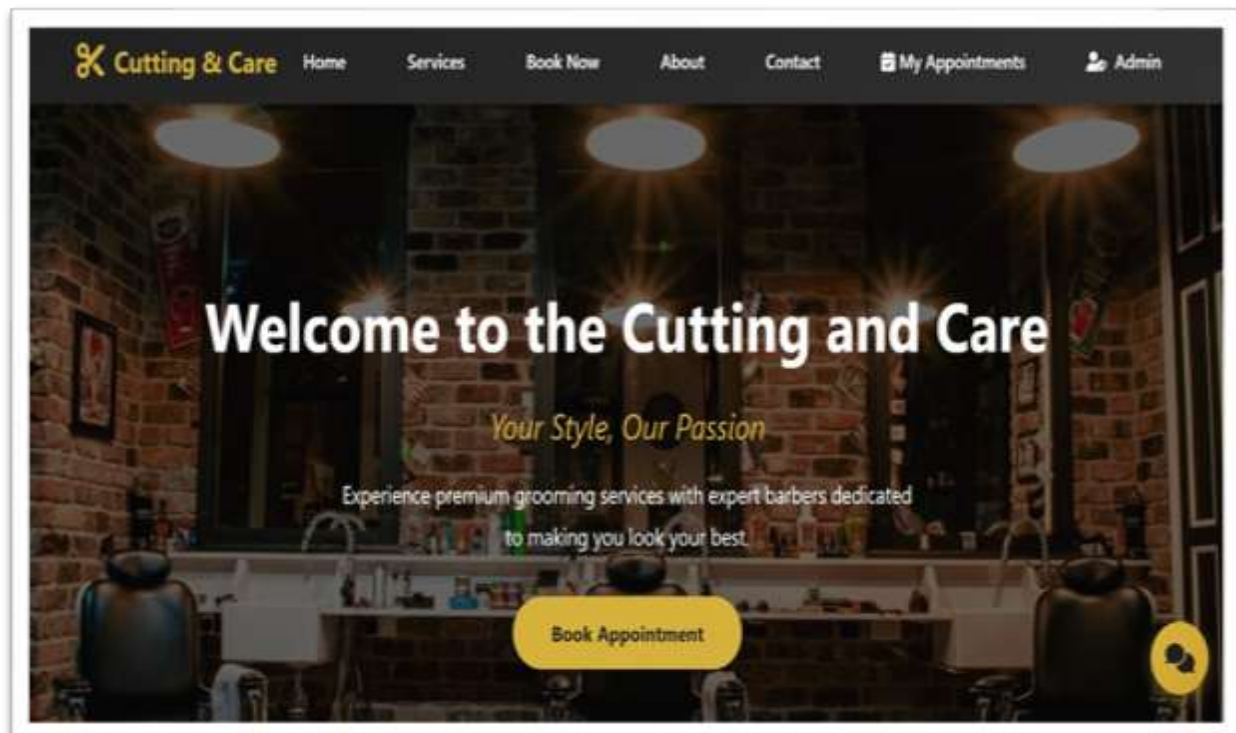
5. CONCLUSIONS AND FUTURE ENHANCEMENTS

5.1 Conclusions

This project shows that special front-end solutions can be very good for service businesses. They do not need backend systems. The Cutting and Care platform was made using HTML5, CSS3 and JavaScript. It gives an experience for scheduling on all devices. This is an improvement over traditional manual booking methods.

The Cutting and Care platform worked well because it only used the client side for appointment management. It used the LocalStorage API. This was a decision for this project. It got rid of the need for infrastructure. Still handled data well.. This also means that the system has limits for future improvements.

In conclusion the Cutting and Care platform did everything it was supposed to do. It made a web application that works on all devices and is easy to use. The Cutting and Care platform is an example for other small businesses. It shows how to use front-end web technologies to make service delivery. The Cutting and Care platform also lays a foundation, for making a fully integrated scheduling system in the future. The Cutting and Care platform is a success.





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Full Name

Email

Phone Number

Select Service

Choose a service...

Date

Time

Hour

Minute

Additional Notes (Optional)

Why Choose Us?

- ✓ Expert Barbers
- ✓ Premium Products
- ✓ Clean & Modern Facility
- ✓ Flexible Scheduling
- ✓ Affordable Prices

Opening Hours

Monday - Friday 9:00 AM - 8:00 PM

Saturday 9:00 AM - 6:00 PM

Sunday 10:00 AM - 5:00 PM

Admin Dashboard

Logout

Name	Email	Phone	Service	Date	Time	Notes
test	nasir@gmail.com	1234567890	Hair Cutting	2026-03-07	12:15	-
mu nasir ansari	nasirgaffar89000@gmail.com	6576764747	Hair Cutting	2026-03-07	12:45	-
mu nasir ansari	nasir@gmail.com	+919548551443	Hair + Beard Combo	2026-03-07	01:00	-

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Service	Date	Time	Status
Hair + Beard Combo	2026-03-07	01:00	Completed
Hair Cutting	2026-03-07	12:15	Completed
Beard Trimming	2026-04-07	12:15	Completed

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