Car repair shop

DP3-1 Jānis Kriškānis Gailis

* Main pitch:

Revolutionize your local car repair experience with our website, featuring seamless navigation, user authentication for personalized servicesStand out with a unique Time Management Calendar, enabling clients to schedule appointments and receive instant updates. Registered users benefit from an Online Cost Calculator, ensuring transparent pricing, and exclusive seasonal offers. Though requiring sign-up, the website guarantees a location advantage and automated notifications for delays. Embrace innovation and transparency for a superior car repair journey.

* Functions:

1. My website will have features like sign-up/login;
2. Buttons that lead to additional information about the repair shops services and other information about the shop;
3. Ability to send emails to us using the website itself;
4. Dynamic map location;
5. Online cost calculator for logged in users (the ability for users to select different services and know the estimated price to be able to plan their expenses before needing the mechanic to give an exact sum);
6. An online time managment calendar for logged in users (to check if what is being worked on currently and future clients, so clients can instantly know if they can have their car fixed now or only at a later date);
7. Service ratings, so clients can rate the service which will be displayed on a seperate page to encourage others to use our services;

The overall idea on how the time table managment will work is:

The client looks through the calendar, checks what time works for them best and selects that time, an administrator sees that and either accepts it or declines it, when its accepted the client gets notified. The mechanic informs the administrator of how long the specific repair will take (adding more time than needed in case of unpredictable curcumstances), then that action gets added to the calendar for others to see. On failure to complete the set out task in time the client gets notified as soon as the administrator gets told to choose the option of “Delayed”, doing so sends out an email/sms to the client about the delays. In this case the mechanic uses the extra time chosen in future repairs to work on the delayed car.

* Sections
  + Home page, with basic layout of all services
  + Sections for each service (Overall checkup, Car painting, Rust removal, Tuning, Custom part insertion)
  + About Us page with information about the repair shop, location and forum to send emails through the site itself;
  + Work hours page;
  + Time managment calendar page (for logged in users);
  + Automatic price estimator page, with dynamic car painting selection (for logged in users);
  + Sign up page;
  + Terms and conditions popup section;
  + Login popup section.
* Used technoligies

I will use HTML/JS CSS languages for website design along with the Bootstrap library. For databases using Node.js.

* Analysis

I compared 3 other car repair sites with mine:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Website | Buttons to navigate information | Work times | Blog | AI support | Time managment calendar | Sign-Up to recieve special deals and get updates about repair | Online price estimator |
| My project | ✔ | ✔ | **X** | **X** | **✔** | **✔** | **✔** |
| [Site 1.](avondaleautorepair.com) | ✔ | ✔ | **X** | **✔** | **X** | **X** | **X** |
| [Site 2.](oranzgaraz.lv/) | ✔ | **X** | ✔ | **X** | **X** | **X** | **X** |
| [Site 3.](danabros.com/) | ✔ | **✔** | ✔ | **X** | **X** | **X** | **X** |

Pros:

1. Time managment calendar, which none of the other websites offer, they only offer a forum where the user chooses a time, but cant see which ones are taken and that only works if you get low to no customers;
2. Interactive price estimator, which no other website offers, you have to call for info;
3. The repair shop location is obviously unique and theres no others within a 12km radius, so this website will be best for people living close, but also will attract people from further with the efficent website design;
4. Seasonal offers sent to signed up users with special deals and discounts;
5. Automatically notifies clients in case of delays;

Cons:

1. Requires sign up for most unique features;
2. No AI support unlike some of the competitors;
3. No client card/loyality program;
4. No blog.