

Project Theme #4: Car Rentals

IDATA2301 Web technologies

This document describes a project specification that you should follow in the project. The idea is to emulate a real-life situation where you get a specification from a customer. As it typically is in real life, not everything is specified in detail. You have the freedom to improvise a bit (for example, if you find better images, or better product descriptions), but you should stay within the general theme. I.e., the website must be a web aggregator portal for the provided company, the provided products.

Remember to include the following disclaimer somewhere in your website (on the bottom?):

This website is a result of a university group project, performed in the course [IDATA2301 Web technologies](#), at [NTNU](#). All the information provided here is a result of imagination. Any resemblance with real companies or products is a coincidence.

All the provided material is free to use for non-commercial purposes.

About the portal

The general purpose of the portal is a price overview for visitors. The visitors should be able to find the best supplier for the product of their interest. In addition to that, the website should show information about our company, but that is secondary.

The absolute “must functionality” is a car search. We are open to suggestions on how the search could work (what values are searched, advanced-search options, etc.).

About the products

We provide an overview of rental cars. Each product (car rental) is sold by a third-party car rental company. We don't own or rent any cars. We have agreements with the providers, they pay us a fee for advertising their products (rentals) on our site. However, we don't have any exclusive partnerships with any of the providers. All the products (rentals) are treated equally.

Company name

Company name: Rental Roulette

About us and about our products

Welcome to Rental Roulette, where your journey begins with a spin of the wheel and ends with the perfect ride tailored just for you. At Rental Roulette, we've revolutionized the car rental experience by aggregating prices from a myriad of trusted third-party car rental companies. No more hopping from site to site in search of the best deal – our platform puts the power back in your hands. Whether you're embarking on a spontaneous road trip, planning a family vacation, or simply need a reliable set of wheels for your daily commute, Rental Roulette ensures that you're always in the driver's seat when it comes to choice and affordability.

Our commitment extends beyond just providing competitive prices; we prioritize transparency, convenience, and a touch of excitement. With our user-friendly interface, you can effortlessly compare options, finding the ideal vehicle to suit your preferences and budget. Say goodbye to hidden fees and hello to a seamless rental experience. At Rental Roulette, we believe that every journey should begin with a sense of adventure, and our platform is designed to add an element of thrill to the otherwise mundane task of renting a car. Join us in the pursuit of hassle-free, cost-effective, and enjoyable travels – where every rental is a winning spin!

Nestled in the picturesque landscapes of Ålesund, Rental Roulette takes pride in catering specifically to the vibrant community of this stunning coastal town. Our focus is on providing tailored car rental solutions by aggregating prices exclusively from rental companies in the Ålesund area. Whether you're exploring the fjords, embarking on a scenic coastal drive, or simply navigating the charming streets of Ålesund itself, Rental Roulette ensures that your local car rental experience is not only convenient but also intimately connected to the unique beauty of this Norwegian gem. Embrace the essence of Ålesund with us, where every rental is a seamless blend of convenience and local charm.

Design

In general – we look for a website which gives the impression of a journey, travel, adventure. We don't want to look childish, but a playful design is OK. A serious-business style is also OK. We want the web designers to suggest a style for us.

Competitors

Our main competitors are [Hertz](#), [rentalcars.com](#) and [kayak.com](#) (their [car rental site](#)).

(Note: skip the details on content competitiveness, focus more on the platforms. Also: don't fear the vast functionality the competitors have; you don't need to create all of that!)

Products

See the list of products provided below. Note: in real life there would be an administrative interface for product management. In your project it is fine if you create static products.

If you feel that you need more products for the site to look *natural*, feel free to add other products, following the general theme.

Currently our platform has the following cars available:

- VW Golf
- Tesla Model 3
- Tesla Model Y
- Nissan Leaf
- Mazda 2
- VW Transporter
- BMW M3
- Skoda Fabia
- Peugeot 307 SW

- Peugeot 207
- Peugeot 3008
- Peugeot iOn

Product configurations

Each car can be provided (rented) by different companies. This is a basic requirement.

Each car could also have different configurations. If you manage to implement that, this would be considered an extra feature. For example:

- Peugeot 207 may be available in two configurations:
 - 1.5-liter Petrol (Norsk: bensin)
 - 1.6-liter diesel, with solar roof

If you support the different configurations, you should make it possible to specify which configuration each supplier (company) is renting out. For example:

- The 1.5-liter Petrol version is provided by Rogaland Bil and Vertel O. Stein
- The 1.6-liter diesel version is provided by Auto 9-9

If you want to support the extra configurations – create those on your own (no data given from the teachers).

Product list

VW Golf

Car maker: Volkswagen

Car model: Golf

Year: 2007

Fuel type: Diesel

Transmission type: Manual

Number of seats: 5

Extra features: Bluetooth, DAB radio, warming in the chairs

Price:

- Miller Bil: 600 NOK/day
- Biller Bil: 550 NOK/day

Tesla Model 3

Car maker: Tesla

Car model: Model 3

Year: 2019

Fuel type: Electric

Transmission type: Automatic

Number of seats: 5

Extra features: autonomous driving, long range, warming in the seats

Price:

- Biggernes Tesla: 700 NOK/day
- Tesla Tom (private): 500 NOK/day

[Tesla Model Y](#)

Car maker: Tesla

Car model: Model Y

Year: 2022

Fuel type: Electric

Transmission type: Automatic

Number of seats: 5

Extra features: Four wheel drive, glass roof, autonomous driving

Price:

- Biggernes Tesla: 900 NOK/day
- Tesla Tom (private): 700 NOK/day

[Nissan Leaf](#)

Car maker: Nissan

Car model: Leaf

Year: 2016

Fuel type: Electric

Transmission type: Automatic

Number of seats: 5

Extra features: None

Price:

- Auto 9-9: 500 NOK/day

- Auto 10-10: 500 NOK/day

Mazda 2

Car maker: Mazda

Car model: 2

Year: 2017

Fuel type: Petrol (Bensin)

Transmission type: Automatic

Number of seats: 5

Extra features: DAB radio

Price:

- Bilikist: 400 NOK/day

VW Transporter

Car maker: Volkswagen

Car model: Transporter

Year: 1978

Fuel type: Petrol (Bensin)

Transmission type: Manual

Number of seats: 8

Extra features: Yellow, retro

Price:

- Ørsta kommune: 200 NOK/day
- Sirkelsliper: 70 NOK/day
- Peace Per: 180 NOK/day

BMW M3

Car maker: BMW

Car model: M3 Evo

Year: 1988

Fuel type: Petrol (Bensin)

Transmission type: Manual

Number of seats: 4

Extra features: Three stripes, original tire discs

Price:

- Bilverksted: 400 NOK/day
- Grabes: 450 NOK/day
- Djarney: 449 NOK/day

[Skoda Fabia](#)

Car maker: Skoda

Car model: Fabia

Year: 2011

Fuel type: Diesel

Transmission type: Automatic

Number of seats: 5

Extra features: Tow hook

Price:

- Sprekksaver: 300 NOK/day
- Smidig bilforhandler: 299 NOK/day
- Fossefall bilforhandler: 700 NOK/day

[Peugeot 307 SW](#)

Car maker: Peugeot

Car model: 307 SW

Year: 2008

Fuel type: Diesel

Transmission type: Manual

Number of seats: 7

Extra features: travel box on the roof

Price:

- Betrel Ostein: 600 NOK/day
- Auto 10-10: 550 NOK/day

Peugeot 207

Car maker: Peugeot

Car model: 207

Year: 2007

Fuel type: Diesel

Transmission type: Manual

Number of seats: 5

Extra features: glass window, warming in the seats, warming in the steering wheel, warming in the mirrors, warming in the tires, warming under the rubber rugs, warming 360

Price:

- Betrel Ostein: 500 NOK/day
- Auto 10-10: 550 NOK/day

Peugeot 3008

Car maker: Peugeot

Car model: 3008

Year: 2010

Fuel type: Diesel

Transmission type: Manual

Number of seats: 5

Extra features: FM radio, CD player, Metallic paint

Price:

- Betrel Ostein: 600 NOK/day
- Auto 10-10: 600 NOK/day

Peugeot iOn

Car maker: Peugeot

Car model: iOn

Year: 2015

Fuel type: Electric

Transmission type: Automatic

Number of seats: 4

Extra features: five doors, very economic

Price:

- Betrel Ostein: 200 NOK/day
- Auto 10-10: 201 NOK/day

Availability

Some cars may be already rented out. You should choose the “not available” dates yourself, so that during your demo you can show that some cars are available, and some are not. We suggest including the following cases in your data:

- Some cars should be always available (i.e., no one has rented that car yet)
- Some cars may be busy (rented out) in some periods for one provider, but always available from another supplier.
- Some cars may be busy from all providers for some weeks.
- Some cars may be “fully booked” out of 2025 – not available from any suppliers during the whole 2025.

Product images

You can use the following images (only for academic reasons!):

- VW Golf: <https://www.finn.no/car/used/ad.html?finnkode=333574670>
- Tesla Model 3: <https://www.finn.no/car/used/ad.html?finnkode=336353821>
- Tesla Model Y: <https://www.finn.no/car/used/ad.html?finnkode=336326672>
- Nissan Leaf: <https://www.finn.no/car/used/ad.html?finnkode=335629917>
- Mazda 2: <https://www.finn.no/car/used/ad.html?finnkode=334938433>
- VW Transporter: <https://www.finn.no/car/used/ad.html?finnkode=322962077>
- BMW M3: <https://www.finn.no/car/used/ad.html?finnkode=329413395>
- Skoda Fabia: <https://www.finn.no/car/used/ad.html?finnkode=333896927>
- Peugeot 307 SW: <https://www.finn.no/car/used/ad.html?finnkode=335631440>
- Peugeot 207: <https://www.finn.no/car/used/ad.html?finnkode=335395822>
- Peugeot 3008: <https://www.finn.no/car/used/ad.html?finnkode=319211299>
- Peugeot iOn: <https://www.finn.no/car/used/ad.html?finnkode=334017241>

In the product page you should specify the link to the finn.no advertisement where the image was taken from!

As an alternative, you can find other photos of the necessary car models on the Internet, Wikipedia has a lot of them available (perhaps all of them). It is not very important that the image matches the car configuration (for example, if the spec includes a solar roof, the picture does not have to show a car with a solar roof)

Contact information

Create this on your own – imagine an artificial address. Preferably a real place on this planet, a real address. But avoid addresses pointing to private houses. Better to use addresses of shopping centers, etc.