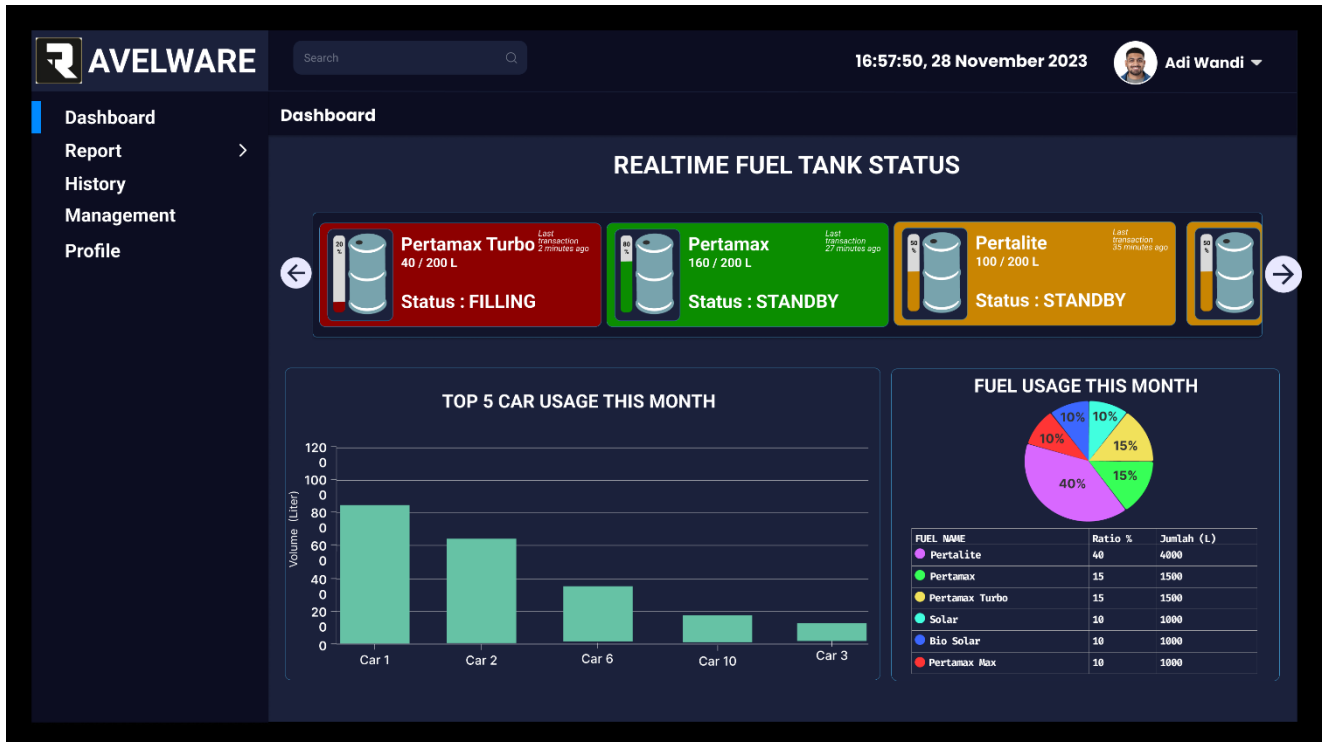


TECHNICAL TEST FRONT END DEVELOPER PT RAVELWARE TECHNOLOGY INDONESIA

Buatlah website berikut menggunakan framework **Reactjs**.

1. Dashboard



Dashboard menampilkan data realtime dari suatu mesin pengisian bahan bakar. Satu mesin pengisian bahan bakar memiliki 6 drum. Warna background drum menunjukkan sisa bahan bakar.

Warna hijau : sisa bahan bakar $\geq 60\%$ kapasitas

Warna kuning : $20\% \leq$ sisa bahan bakar $< 60\%$ kapasitas

Warna merah : sisa bahan bakar $< 20\%$ kapasitas

Data realtime akan di-publish oleh server Ravelware setiap ± 1 menit melalui protocol **MQTT** berikut.

Host : 245d28c8a27a42569750f87c3eb044d2.s2.eu.hivemq.cloud

Port : 8883

Websocket Port : 8884

Username : testtravelware

Password : R12345678

Topic 1 : test/realtime

Payload :

```
[
  {
    "name": "Pertamax Turbo",
    "current_stock": 40,
    "maximum_stock": 200,
    "status": "FILLING",
    "updated_at": "2023-11-29 09:26:23"
  },
  {
    "name": "Pertamax",
    "current_stock": 160,
    "maximum_stock": 200,
    "status": "STANDBY"
  }
]
```

Topic 2 : test/top-5-car-usage

Payload :


```
[
  {
    "name": "Car 1",
    "usage": 800
  },
  {
    "name": "Car 2",
    "usage": 600
  },
  {
    "name": "Car 6",
    "usage": 400
  }
]
```

Topic 3 : test/fuel-usage

Payload :


```
[
  {
    "name": "Pertalite",
    "usage": 4000
  },
  {
    "name": "Pertamax",
    "usage": 1500
  },
  {
    "name": "Pertamax Turbo",
    "usage": 1500
  }
]
```

2. Report

 **AVELWARE**

Search

16:57:50, 28 November 2023

 **Adi Wandu**

- My Profile
- Edit Profile
- Settings
- Logout

Dashboard

Report

- Fuel Transaction History
- Machine Usage
- Manpower Usage

History

Management

Profile

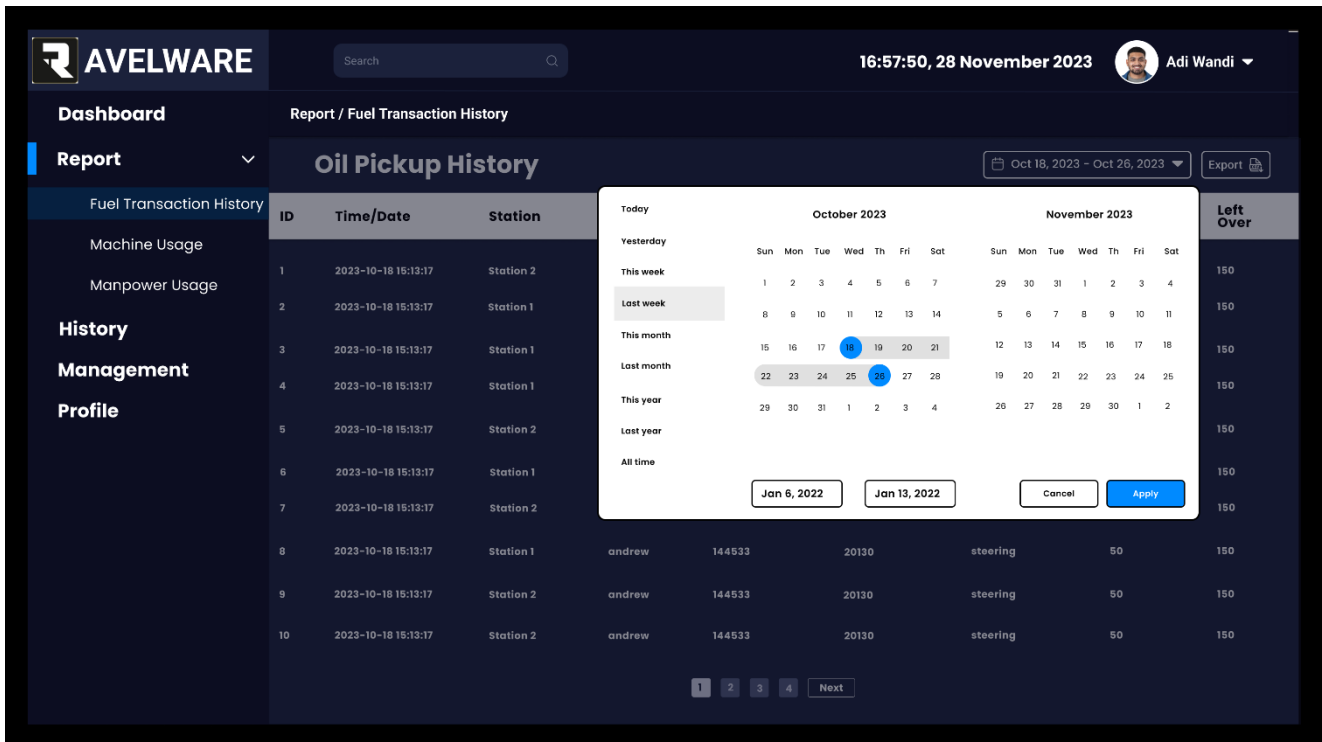
Report / Fuel Transaction History

Fuel Transaction History

Oct 18, 2023 - Oct 26, 2023Export

ID	Time/Date	Station	Name	License	Code	Fuel	Fuel Usage (L)	Left Over (L)
1	2023-10-18 15:13:17	Station 2	andrew	B 1235 K	20130	pertalite	2	150
2	2023-10-18 15:13:17	Station 1	andrew	B 1234 K	20130	pertalite	5	150
3	2023-10-18 15:13:17	Station 1	andrew	B 1235 C	20130	pertamax	7	150
4	2023-10-18 15:13:17	Station 1	andrew	AA 1001 SC	20130	pertamax	5	150
5	2023-10-18 15:13:17	Station 2	andrew	F 5690 K	20130	pertamax turbo	8	150
6	2023-10-18 15:13:17	Station 1	andrew	F 1111 K	20130	solar	5	150
7	2023-10-18 15:13:17	Station 2	andrew	S 3456 S	20130	solar	5	150
8	2023-10-18 15:13:17	Station 1	andrew	B 1235 K	20130	solar	5	150
9	2023-10-18 15:13:17	Station 2	andrew	B 1668 S	20130	pertalite	2	150
10	2023-10-18 15:13:17	Station 2	andrew	B 3993 S	20130	pertalite	6	150

1234Next



Data-data di halaman Report tersebut silakan menggunakan data dummy sesuai kebutuhan Anda.

Note:

1. Realtime Fuel Tank Status dibuat otomatis bergeser/slider.
2. Ikon Profil/User di kanan atas jika diklik akan muncul popup seperti di gambar.
3. Filter tanggal di atas table jika diklik akan muncul popup seperti di gambar.
4. Menu sidebar dibuat seperti di gambar.
5. Waktu dan tanggal di sebelah kiri ikon profile/user dibuat realtime secara otomatis.

Submission Rules:

1. Email ke career@ravelware.co dengan subject "**Front End Test**" selambat-lambatnya hari **Selasa (05/12/23) pukul 17.00**. Jika kami menerima email lebih dari waktu tersebut, maka akan ada penalty berupa pengurangan nilai.
2. Email berisi link github source code dan gambar/video hasil pekerjaan Anda.
(Jika file terlalu besar, gambar/video bisa diupload ke cloud/gdrive dan sertakan linknya di email)