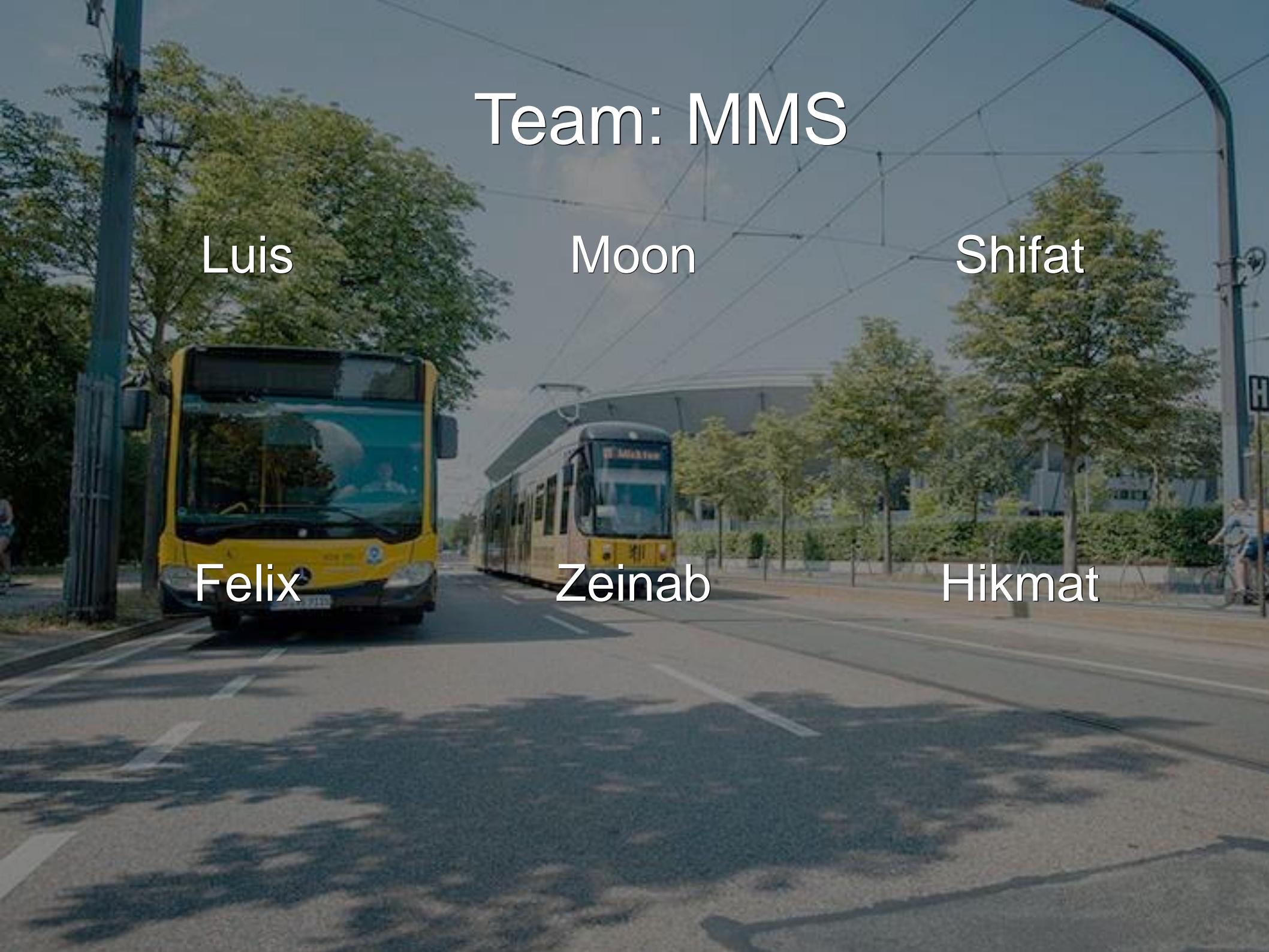


A photograph of a city street featuring a tram and a car. The tram is yellow and white, and the car is a dark-colored sedan. They are on a road with tram tracks. Overhead, there is a complex network of power lines and poles. The background shows green trees and a clear sky.

Challenge 1 –  
Entspannt zum Ziel

A photograph of a city street featuring a yellow bus on the left and a tram on the right. The street is lined with trees and overhead power lines. The image has a semi-transparent dark overlay.

# Team: MMS

Luis

Moon

Shifat

Felix

Zeinab

Hikmat

# Problem: Zu viele Autofahrer

62% der  
Fußballfans  
kommen mit  
dem Auto  
→ zu viele!

In Zukunft  
weniger  
Parkplätze

Mobi-Bike, Park  
& Ride wird zu  
selten  
verwendet

Auto ist zu simpel im  
Vergleich zu Öffis

# Lösung: Dynamobility

Naviwebsite  
fokussiert aufs  
Stadion

**Alles** in einer  
Anwendung

MOBIbike-  
einbindung

**Mit einem Klick**  
vom Ticket zur  
Route

# Einfacher und besser als Alternativen

DVB.de hat kein  
Fahrrad/ Park &  
Ride

Google Maps  
kennt keine  
Öffis

MOBIbike App  
kennt nur  
MOBIbike

**Dynamobility** kombiniert die drei mit mehr  
Funktionen und weniger Aufwand

# Für die Zukunft...

Route in Karte  
einzeichnen

Anbindung ans  
Ticket

Park & Ride  
u.Ä. einfügen

Auslastung der  
Öffis mit  
einbeziehen

Stau, Parkplatz-  
auslastung u.Ä.

Rückweg



# Beschreibung



**EJS**

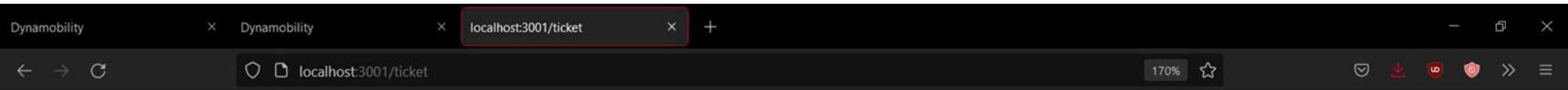
<% Embedded JavaScript %>



RxJS



# Demo



[Hier klicken, für die beste Route zum Stadion.](#)

# Demo

Dynamobility    Verbindungsauskunft - DVB    Dynamobility    html img - Google Suche    HTML img tag    dynamo dresden - Google    upload.wikimedia.org/wikipedia/    +

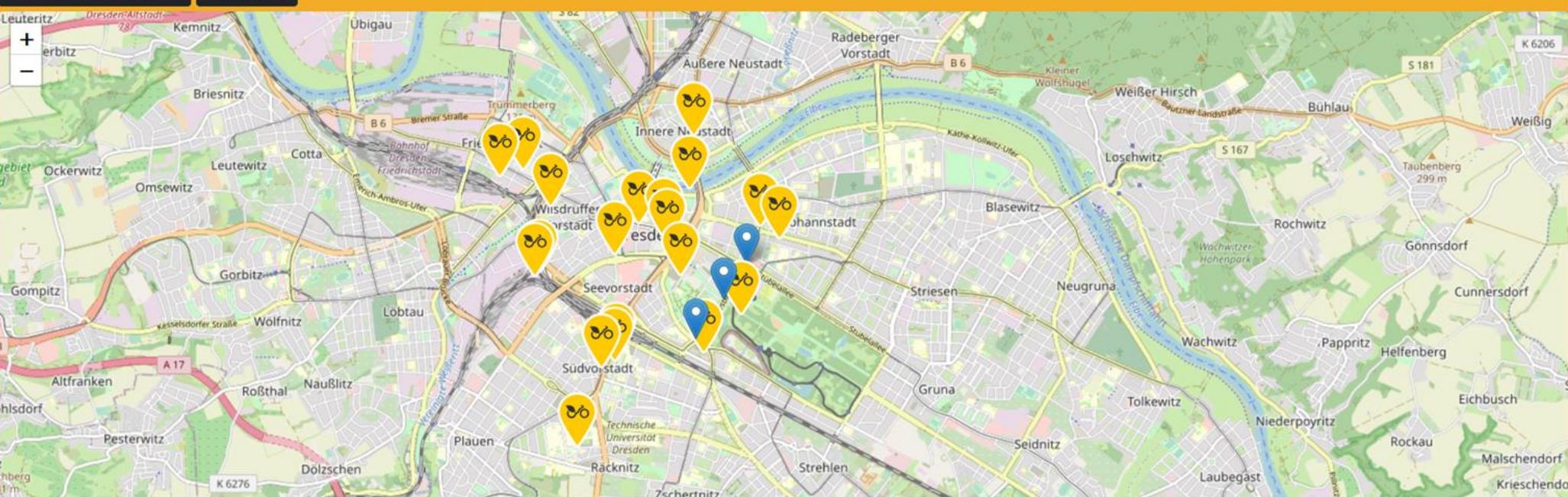
localhost:3001/?radius=300

**Dynamobility**

**Adresse**    **Datum**  
Adresse    TT.MM.JJJJ, --:--

**Block**    **Anwenden**  
Block

**Öffentlicher Verkehr**    **Parkplätze**



The map displays the city of Dresden, Germany, with numerous yellow and blue location markers indicating bike share stations. The yellow markers represent stations with available bikes, while the blue markers represent stations with no available bikes. The map also shows the Elbe River, several major roads (B6, A17, S167, S181), and various districts of Dresden, including Innere Neustadt, Äußere Neustadt, Johannstadt, Striesen, and Südvorstadt. The interface includes a search bar for addresses, a date input field, a block selection field, and buttons for public transport and parking spaces.

Zur Suche Text hier eingeben

Proj... app... Dyn... Wha... npm Task... Rec... Einst... Slac... Log... Präs... 95% 11:40 24.10.2021

# Demo

Dynamobility

localhost:3001/parking

Dynamobility

Adresse

Adresse

Block

Block

Anwenden

Parkplätze

Altmarkt 240/400  
Wilsdruffer Straße

An der Frauenkirche 91/120  
An der Frauenkirche 12a

Frauenkirche / Neumarkt 89/250  
Landhausstraße 2

Haus am Zwinger 155/171  
Kleine Brüdergasse 3

+

-

Map of Dresden and surrounding areas showing parking locations. The map includes major roads like B173, B78, and B9, and rivers Elbe and Mulde. Orange triangles indicate parking spots, with a high density in the city center and along the roads. A large blue 'FP' logo is in the center of the map. Labels for Coswig, Radebeul, Dresden, Freital, Tharandt, Rabenau, Heidenau, Dohna, Stolpen, Massenei, Bischofswerda, and Hohnstein are visible.

Zur Suche Text hier eingeben

Proj... app... Dyn... Wha... npm Task... Rec... Einst... Slac... Log... Präs... 95% 11:41 24.10.2021

# Demo

 **Dynamobility**

<b>address</b> address	<b>date</b> mm/dd/yyyy --:-- --
<b>block</b> block	

## Welcome!

### Next Bike API

- Bike station position
- Bike station name
- Number of available bikes

```
setBikeMarker (51.051147, 13.733452, "DVB customer center Postplatz", 0);  
setBikeMarker (51.04893, 13.7442, "MOBIPunkt Pirnaischer Platz", 1); setBikeMarker  
(51.040569, 13.733552, "Hauptbahnhof Nord", 13); setBikeMarker (51.052413,  
13.741953, "Frauenkirche", 0); setBikeMarker (51.054272, 13.737319, "Theaterplatz",  
0); setBikeMarker (51.039997, 13.733464, "Hauptbahnhof Ost", 0); setBikeMarker  
(51.05346, 13.741519, " setBikeMarker (51.05986, 13.71834, "MOBIPunkt  
Friedrichstadt", 0); setBikeMarker (51.05399, 13.757543, "MOBIPunkt Sachsenallee",  
1); setBikeMarker (51.03119, 13.72729, "MOBIPunkt TU Dresden", 1); setBikeMarker  
(51.059166, 13.714363, "DVB-Betriebshof Waltherstraße", 0); setBikeMarker  
(51.03119, 13.72729, "MOBIPunkt TU Dresden", 1); setBikeMarker (51.059166,  
13.714363, "DVB-Betriebshof Waltherstraße", 0); setBikeMarker (51.03119,
```

# Mobile View

 **Dynamobility**

**address**  
address

**date**  
mm/dd/yyyy --:-- --

**block**  
block



A map of the Blüherpark area showing the location of parking spaces and public transport stops. The map includes labels for Lingnerplatz, Blüherstraße, Herkulesallee, Guntzwiesen, Lingnerallee, Helmut-Schön-Allee, Blüherpark, Georg-Arnhold-Bad (Deutsches Hygiene-Museum), and Georg-Arnhold-Bad (Deutsches Hygiene-Museum). A blue marker indicates the current location.

 **Dynamobility**

**address**  
address

**date**  
mm/dd/yyyy --:-- --

**block**  
block

## Parking spaces

**Old market** 201/400  
Wilsdruffer Strasse

**At the Frauenkirche** 5/120  
At the Frauenkirche 12a

A photograph of a city street featuring a yellow bus on the left and a yellow tram on the right. The street is lined with trees and overhead power lines. The sky is clear and blue.

Danke für ihre Aufmerksamkeit