

General preview

BKK metro transportation simulator with Angular (TS, bootstrap)

- A simulation for budapest's public transportation.
- A component will display the next stop.
- The simulation will finish if the metroline is completed.
- The website will show the four metro lines in components

General preview: Home (Metro Lines)

BKK Metro lines

About MetroLines

M1 line

Deák Ferenc sq.

M2 line

Deák ferenc sq.

Stop metro line simulation

Pause metro line simulation

About page

Play metro line simulation

Next stop button

Metro line details

Change language

This screenshot shows the main interface for managing metro lines. It features two horizontal tracks representing Line M1 and Line M2. Each track has several red circular stations connected by black lines. A yellow box labeled 'Deák Ferenc sq.' is positioned above the first station of each line. Below the tracks are two green rectangular buttons: one for 'Play metro line simulation' and one for 'Pause metro line simulation'. To the left of the tracks, there are buttons for 'Stop metro line simulation' and 'About page'. On the right side, there are buttons for 'Metro line details' and 'Change language'. The top navigation bar includes 'BKK Metro lines', 'About', and 'MetroLines'.

General preview: Metro line details

BKK Metro lines

About MetroLines

M1 line

Deák Ferenc sq.

Deák Ferenc tér

Name: Deák Ferenc sq.
Location: VI. district ([link](#))
Connects to: M2, M3

Google maps embedd

Clickable link

Close details page

This screenshot shows the detailed information for a specific metro station. At the top, it displays the station name 'Deák Ferenc sq.' and its location 'VI. district'. Below this, a blue-bordered box contains a Google Maps embed showing the station's location on a street map. To the right of the map, there is a summary of the station's details: 'Name: Deák Ferenc sq.', 'Location: VI. district ([link](#))', and 'Connects to: M2, M3'. At the bottom, there are three buttons: 'Google maps embedd', 'Clickable link', and 'Close details page'. The top navigation bar is identical to the previous screenshot, featuring 'BKK Metro lines', 'About', and 'MetroLines'.



Angular project to simulate bkk metro lines. Data is taken from bkk.

More information about public transport in budapest at <https://mavcsoport.hu>

Open source project on GitHub.

Components

Static components

Header

Navbar

Dynamic components

MetroAccordion

P: Metroline : obj

PauseButton

StationButton