



KOlomouc

Web Cartography
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What to Address? (Options)

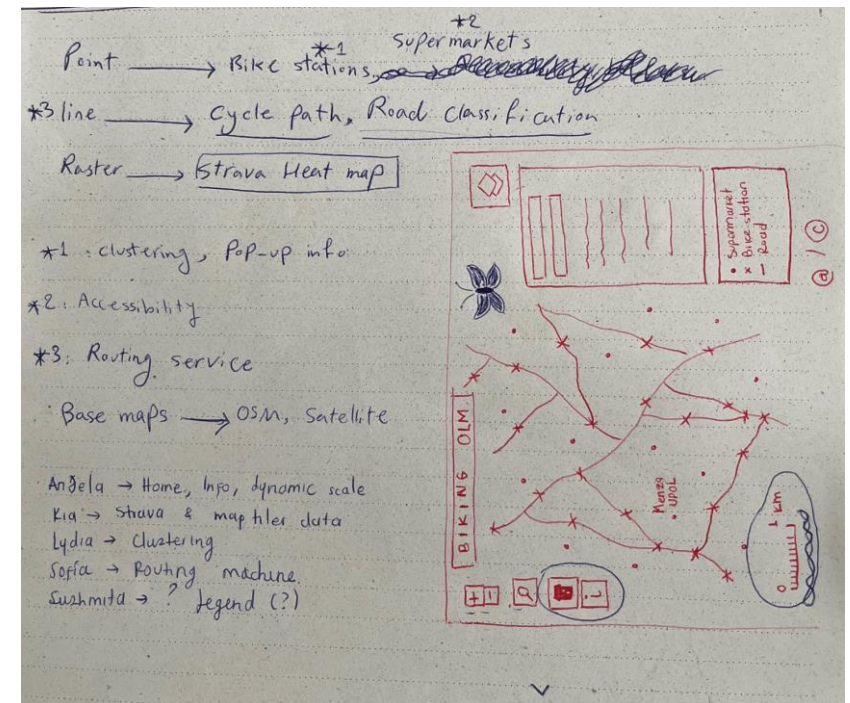
- Unusual Destination Map, or
- Protected areas Web Map, or
- Biking Activity. ✓





Brainstorming

- What are the essential information the biker like to get?
- How much information is necessary for the biker?
- What advantages we could offer to the biker?
- ...



Main Pillars



- Time management

- Work from scratch

- Simplicity: Easy to explore
- Functionality: Essential for biker
- Visually appealing: Attractive!





Input Layers

Bike Lanes ➡ OpenstreetMap;

Bike-sharing Stations ➡ Nextbike;

Strava Global Heatmap for Biking ➡ freemap.sk;

Basemaps ➡ OSM, CartoDB Dark, ESRI World Street Map;

Customized Basemap ➡ Maptiler.



Customized Basemap



First glance impression.

Colors follow preferred functions.

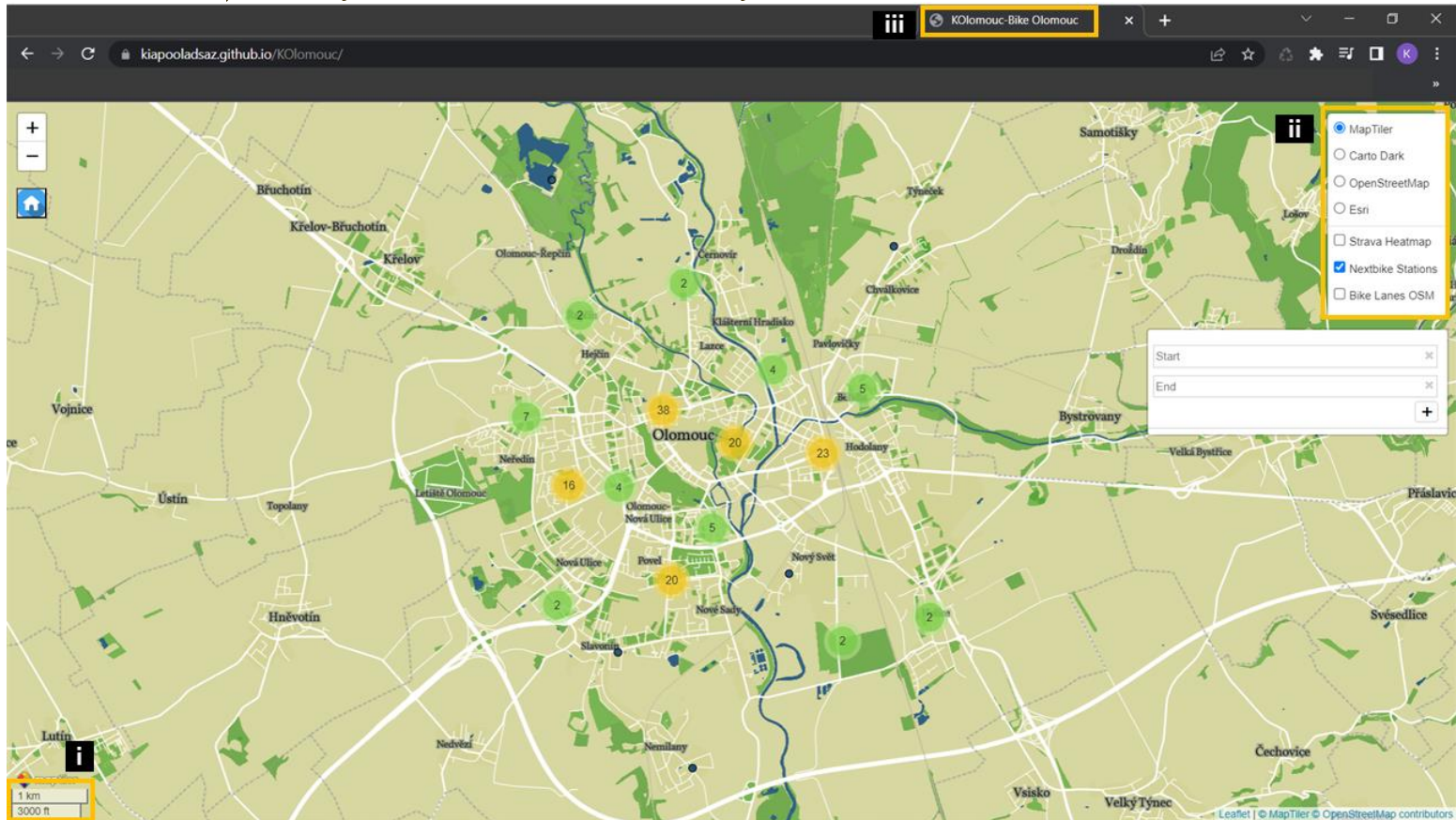
Groups	
	Landscape
	Water
	Nature
	Roads
	Borders
	Buildings



Main Functions



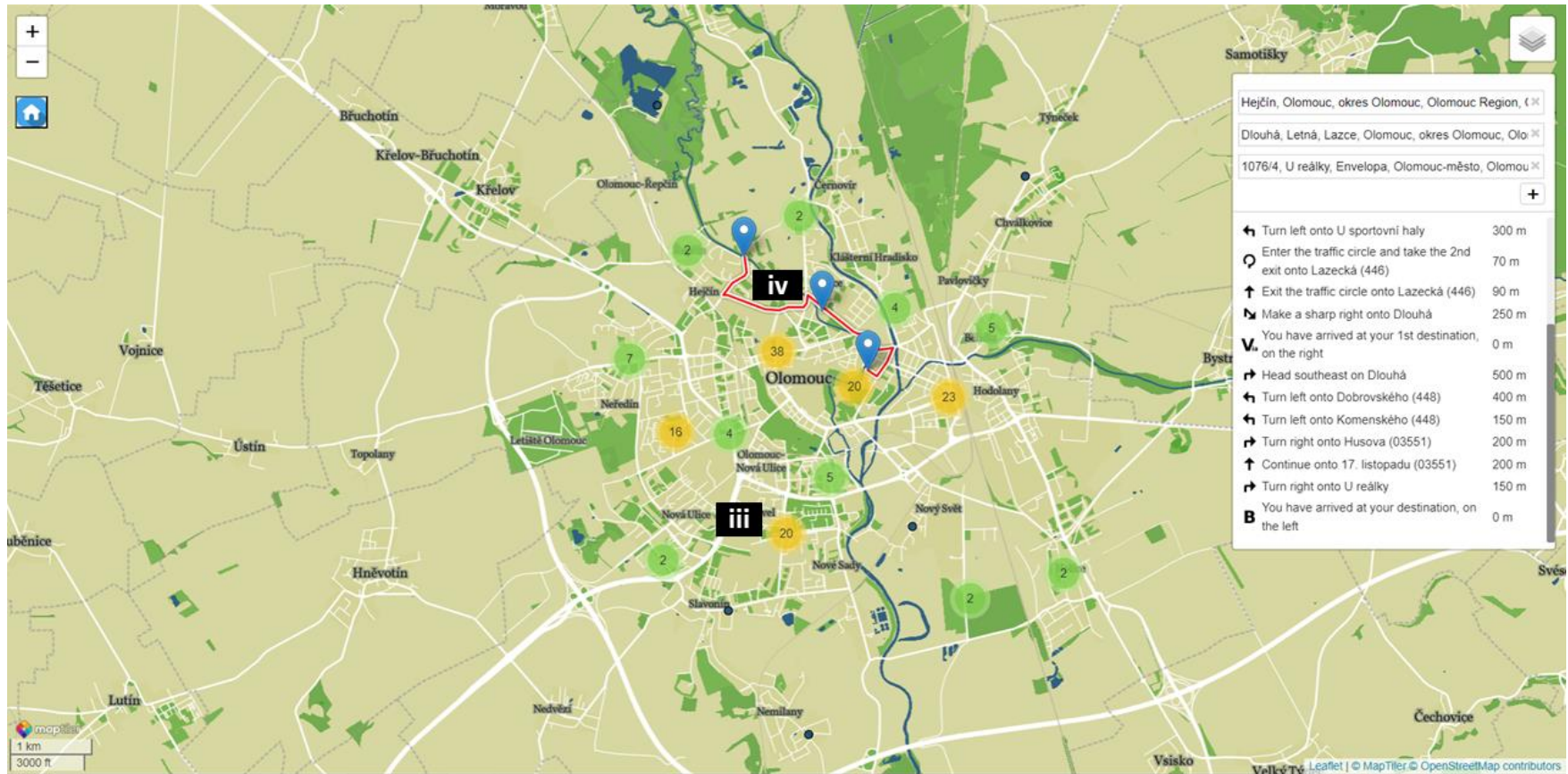
Map Elements ➡ Dynamic Scale (i), Layer Switcher(ii), Title (iii);



Main Functions



Map Functions ➡ Point clustering(iii), Routing service(iv);



Main Functions



Map actions, sources ➡ Home Button, Zoom in/out, Contributors.



KOlomouc!



<https://kiapooladsaz.github.io/KOlomouc/>



SCAN ME



Future Improvements



- Integrating live location of user with the web map;
- Adding elevation variable in routing service;
- Inserting road surface texture types.



Thanks for your attention.



Time to try!

