



The Place

What have we created?



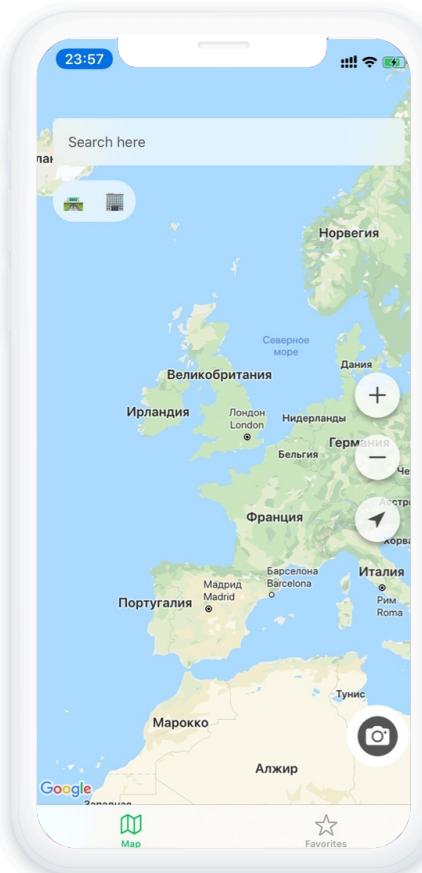
«The place» is a tool to animals and humans to prevent and reduce the disruptions caused by and to human-built structures.



Using our app

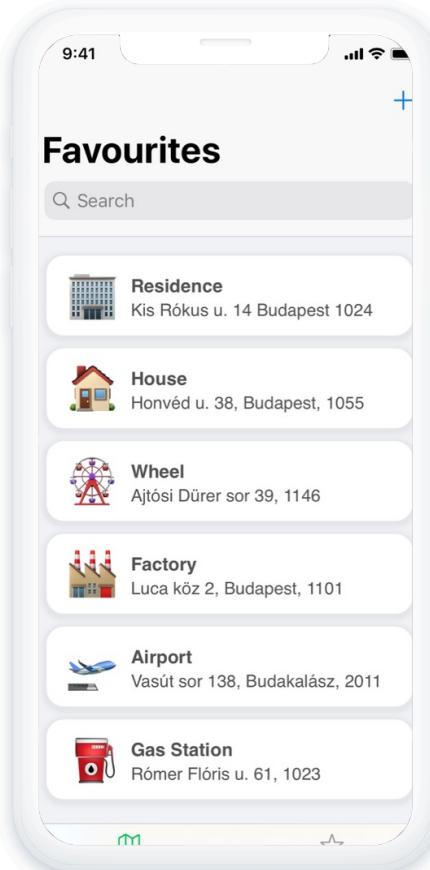


-  Enter address
-  Choose building style, features and facilities
-  See the animal movement pattern and restrictions due to this
-  Get some recommendations



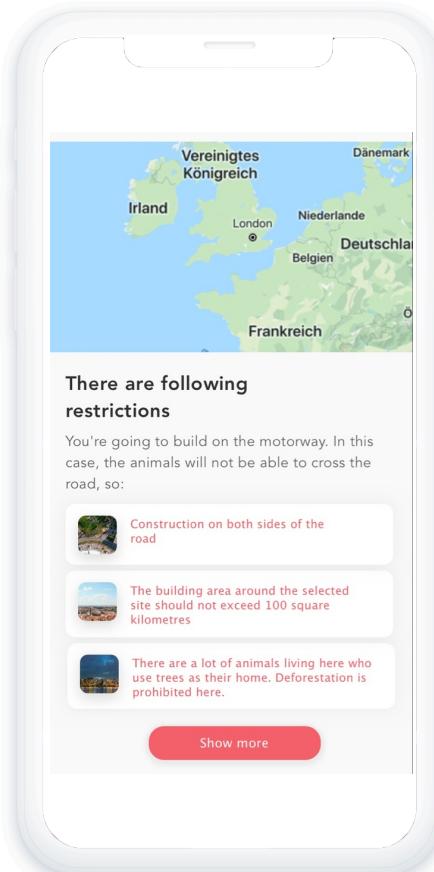
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You could build here

If you want to preserve the environment, you should build the following objects in this area that would allow the animals to move freely:



Fish
ladders



Tunnels



Overpasses

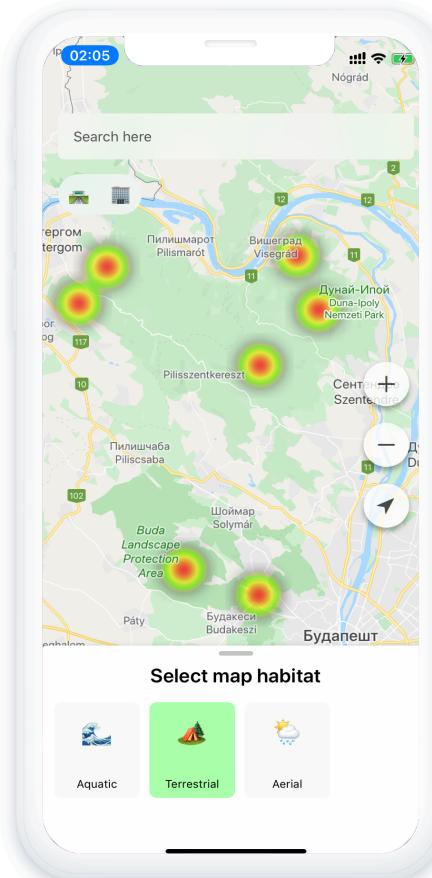


Green
roofs

How does it work?



- PoC and MVP application
- Heat map
- Cluster analysis
- Computer vision



How does it work?



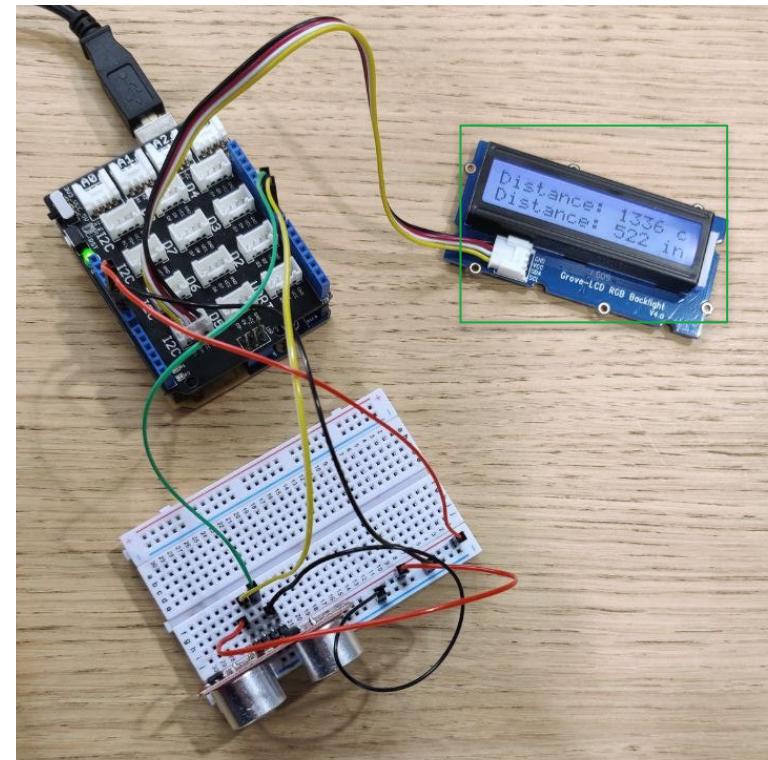
Arduino(distance sensors)



Firebase



«The place»



How does it work?



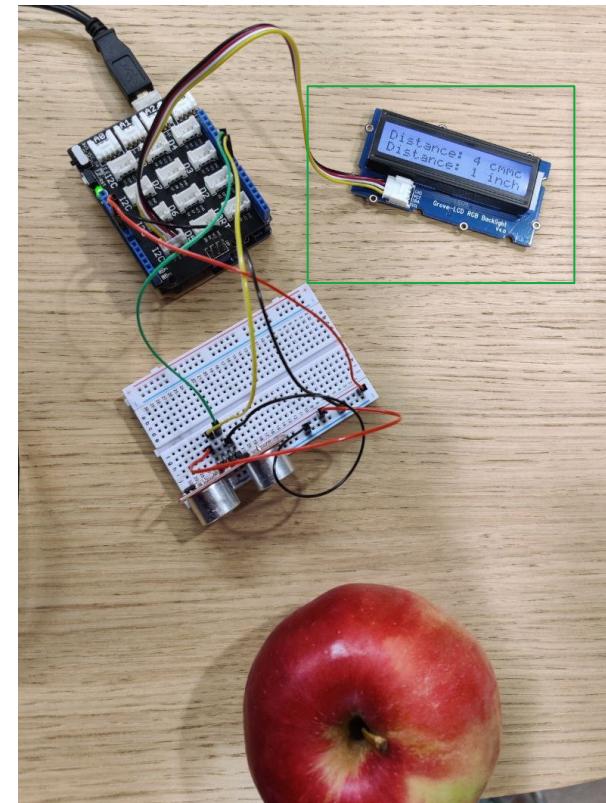
Arduino(distance sensors)



Firebase



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How does it work?

Arduino(distance sensors)



Firebase



«The place»

pin01	□
+ START COLLECTION	
+ ADD FIELD	
animals_ground: "🐄🐄🐄"	
animals_sky: "🦆🦆🦆"	
animals_water: "🐟"	
coordinates: [47.378124° N, 18.836858° E]	
▼ restrictions_ground	
0: "Construction on both sides of the road"	
1: "The building area around the selected site should not ..."	
▼ restrictions_sky	
0: "Birds often fly over the fields, including seasonal migr..."	
▼ restrictions_water	
0: "Underground rivers in this area flow into larger water ..."	
▼ to_build_here	
▼ 0	
Fish ladder: "1.2"	
Green roof: "3.7"	

How does it work?



Arduino(distance sensors)



Firebase



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Who can use it?



- An ordinary person
- Big corporations & companies
- Government
- Animal Welfare organisations

Plans for future: what to improve



- Add more filters
- Increase number of sensors
- Collect seasonal animal migration data from our sensors

Our team

