

# Wolt Mobile app assignment v1.3

## Concept:

A user is walking around Helsinki city centre looking for a place to eat.

## Input:

- List of coordinates that represents the user's location on a timeline.
- Wolt API endpoint that accepts a location and returns a list of venues next to it.

## Task:













Build an app that displays a list of venues for the current location of the user. The list should contain a maximum of 15 venues. If the server response has more then use the first 15. Current location is taken from the input list and changes every 10 seconds (your app should refresh the list automatically).

E.g.:

Time passed after opening the app	Current location
0 seconds	locations[0]
10 seconds	locations[1]
20 seconds	locations[2]
...	...
(10 * locationsCount) seconds	locations[0] (looped)

Each venue also has “Favorite” action next to it. “Favorite” works as a toggle (true/false) and changes the icon depending on the state. Your app should remember these states and reapply them to venues that come from the server again.

## Example of design:

	<b>Burger Palace</b> Beef + Bacon + Cheese = Love	
	<b>Burger Haus Cafe</b> Tasty homemade burgers !	
	<b>Woolshed Bar &amp; Kitchen</b> Gourmet burgers	
	<b>Maison Mumbai</b> Famous Indian Cuisine	
	<b>Dong Bei Hu</b> Authentic Chinese Cuisine	
	<b>O'Nam</b> Finest Vietnamese	

## Actual input:

API endpoint:

GET <https://restaurant-api.wolt.com/v1/pages/restaurants?lat=60.170187&lon=24.930599>

Important fields in response (json):

Path / Key	Meaning
sections -> items -> venue -> id	Unique id of the venue
sections -> items -> venue -> name	Name of the venue
sections -> items -> venue -> short_description	Description of the venue
sections -> items -> image -> url	Image URL for the venue

Coordinates (latitude, longitude):

60.170187, 24.930599
60.169418, 24.931618
60.169818, 24.932906
60.170005, 24.935105
60.169108, 24.936210
60.168355, 24.934869
60.167560, 24.932562
60.168254, 24.931532
60.169012, 24.930341
60.170085, 24.929569

Assets:

Favorite (true)	<a href="https://material.io/tools/icons/?icon=favorite&amp;style=baseline">https://material.io/tools/icons/?icon=favorite&amp;style=baseline</a>
Favorite (false)	<a href="https://material.io/tools/icons/?icon=favorite_border&amp;style=baseline">https://material.io/tools/icons/?icon=favorite_border&amp;style=baseline</a>

## FAQ:

*How much time should I spend on this task?*

We expect you to be pragmatic and not overcomplicate things. You can take short cuts where it makes sense to you.

*Do I need to build any animations?*

It's up to you. This is a creative task and we would love to see how you approach such kind of problems.

*Should the current location continue changing if the app is put to background?*

It's not mandatory, however, it would be cool to see how you implemented this feature.

*Does my app need to support different screen orientations?*

No, portrait mode is good with us.

*Do I need to strictly follow the design example?*

The provided mockup is just a suggestion. Feel free to do the UI in your own way as long as it contains the same information.