

WhoofPark

The digital home for your local dog park community

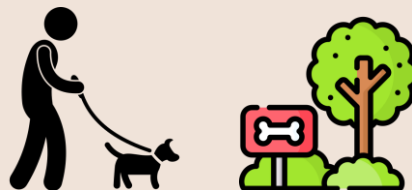


"THE EMPTY PARK GAMBLE"

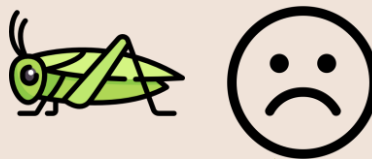
1. You return home after a long, exhausting workday to a high energy dog that's desperate for play with him.



2. You walk to the local dog park, crossing your fingers and hoping to find playmates for your pup.



3. You arrive only to find a completely empty park.



"THE EMPTY PARK GAMBLE"

4. You end up being the "playmate" and running around yourself, instead of your dog socializing with peers.



5. There is currently no way to know what's happening at the park until you are physically there.





WhoofPark App

Real time social platform that lets you see who's
at the park before you leave home, turning every
walk into a social success

TECH STACK

Cloud Firestore	NoSQL real-time database for storing dog profiles and chats
Firebase Auth UI	Secure and streamlined authentication (Email, Google, Phone)
Firebase Storage	Cloud storage for user-uploaded dog images and dog park images
Google Maps SDK	Interactive map interface to visualize dog parks
Google Play Services Location	Real-time tracking of user proximity to parks
Navigation Component	Managing fragment transitions and back-stack
Lifecycle (ViewModel & LiveData)	Ensuring UI-data consistency and handling configuration changes



TECH STACK

WorkManager	Handles the background timer to update presence status and send notifications, even if the app is closed
Lottie	High quality vector animations (Splash & Login screens)
Glide	Efficient image loading and caching for dog profiles
Android Image Cropper	Providing a smooth UI for users to crop their dog's photos
OkHttp3	Fetches the official dog park data from the Tel Aviv Municipality API via HTTP requests
GSON	Parse JSON data from the Tel Aviv Municipality API into Kotlin objects for display and processing



glide

OkHttp



THANK YOU

