

# VALAI

Your personal driver



THE PROBLEM

## Finding parking sucks.

It's time consuming, frustrating, and expensive.  
That's where AI comes in.



MARKET RESEARCH

**\$14 Billion**  
**Lost productivity time**  
**due to finding parking**

- Avg 3.3 minutes lost to find parking in downtown metropolitan city
- 74% of commuters drive to/from work everyday



## MOBILITY ECOSYSTEM

Solutions are siloed and do not provide  
an integrated mobility experience

Informational



P EasyPark



On-Demand

UBER

lyft

Side•car  
a whole new way to get around

Personal



D R Y V E R



**SOLUTION**  
**AI Powered  
Personal Driver**

Integration  
of personal & 3rd  
party data



Preferences  
based on habits



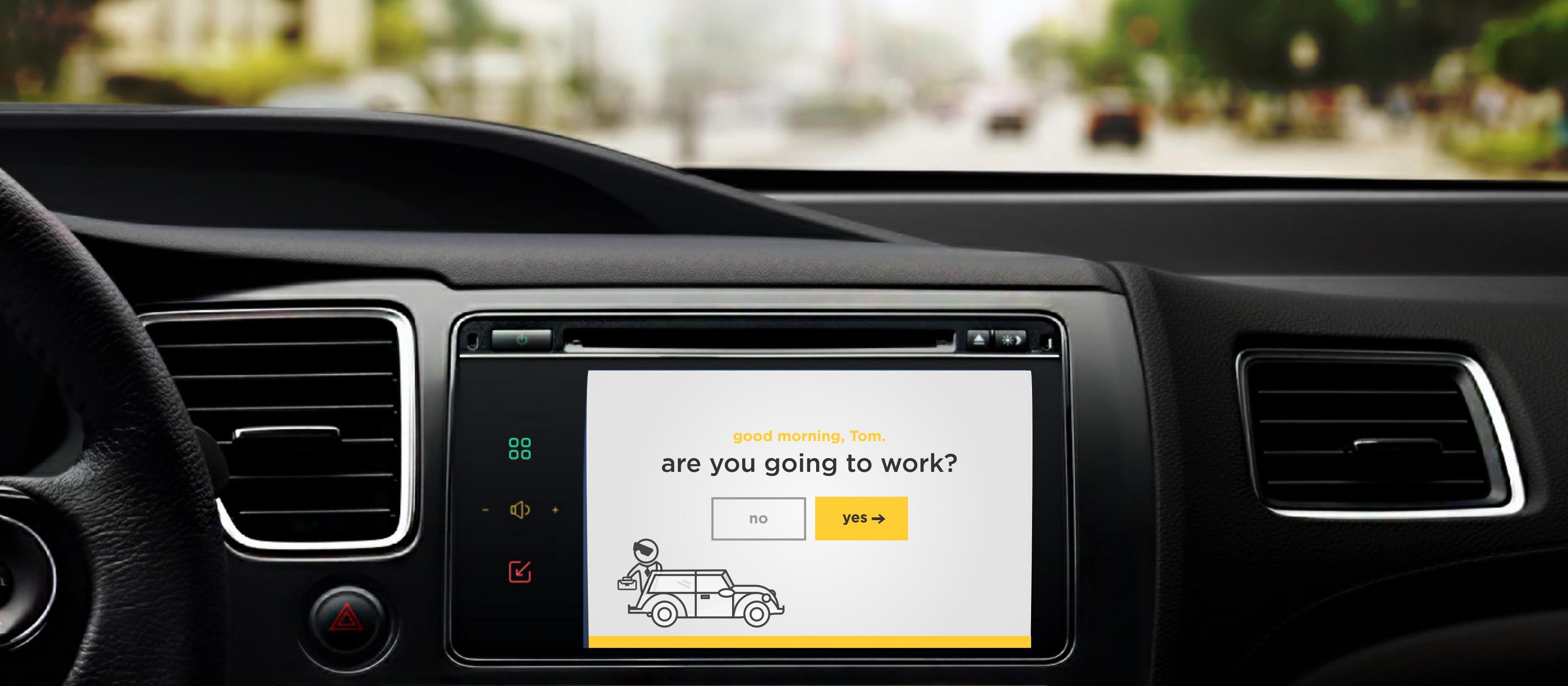
Situationaly Aware  
of traffic and parking



Intelligence to  
to learn, recommend,  
and act



Configurable  
Permissions



See how **commuters**, **families**, & **new drivers** can use AI **level 5** automation to enhance their lives.



WATCH VIDEO

## Incremental Phases of Implementation

### Phase 01 - Level 3

- Weather detection
- Reserve parking 5-10 mins before reaching your destination
- Extraversion & mood measure AI learning via Receptiviti API

### Phase 02 - Level 4

- Finds parking, parks, auto payment
- Calendar integration
  - Texts notifications / travel prompts when it's time to leave

### Phase 03 - Level 5

- Valai drops you off, parks and self-pays, and picks you up



# User Journey



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Look for parking

Drop off user,  
then park

Send confirmation  
notification

Find user based  
on their location

Pick up

01

02

03

04

05

06



Set destination

Confirm parking

Hop off at  
destination

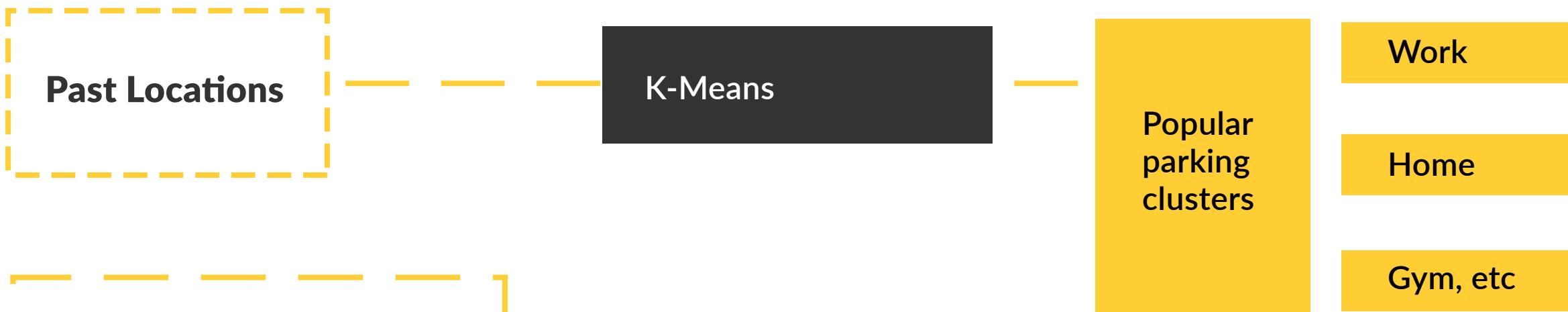
Receive  
confirmation of  
parked car

Call car for pickup

Hop in!

## How it Works

### Car Data



### 3rd Party Service

Green P parking details  
Weather  
Traffic + road closures  
Events (concerts, sports, etc.)  
Realtime construction updates  
Emotional Intelligence AI  
(Receptiviti, etc)

K-Nearest Neighbours

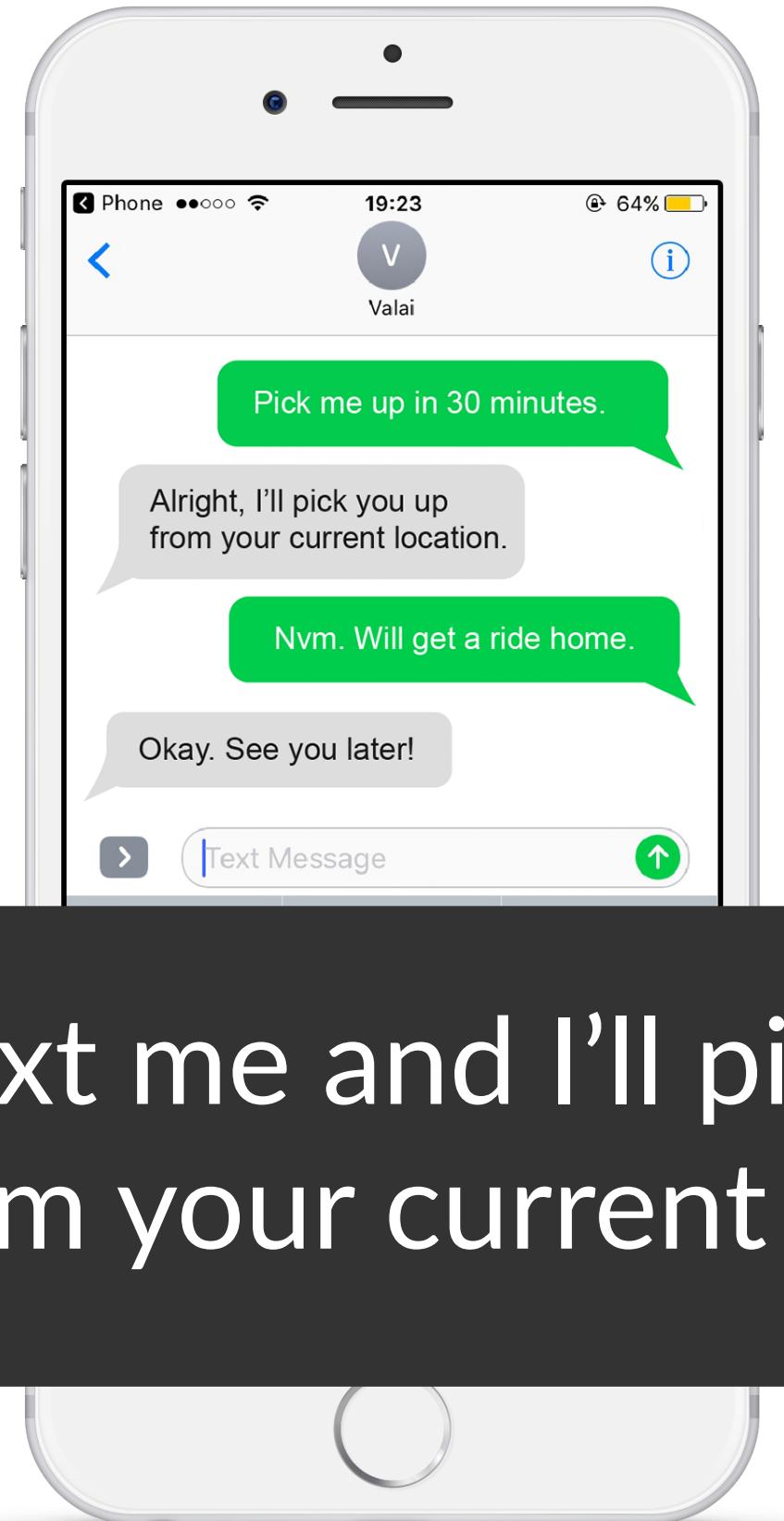
Optimal Parking Spot

### User Input & Machine Learned

Calendar  
Communication  
Entertainment & Social



VALAI



You can text me and I'll pick  
you up from your current location.

# PROTOTYPE

good morning, Tom.

are you going to work?

no      yes →

spot info ➤

## Should I park here?

no      yes →

It's raining. Underground parking is available at 220 Yonge St.  
It'll be \$20 for 8 hours.

reminder: you've got a meeting with Sue at 3pm.      Let's go there now →

Where are we going?  
enter location

Mountain Rd

2km

32 Spooner Street

speed 60m      arrival 8:43 a

driving to work  
I'll park in the usual spot.  
enjoy the ride!

Park Elsewhere      New Destination

Good Evening, Matthew.

Status: parked at home  
Scheduled pickup at 21:30pm

I'll pick you up Sunday 22:00 at 220 College St

change pick up time  
live camera

confirm →  
cancel / change

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## Integration into the GM Experience



### Revenue

Up-sell feature on autonomous fleet



### Data

Aggregator of personal commuting data



### Competitive Advantage

Personalized, intelligent & luxurious experience



### IBM/GM payment integration

Car can pay for itself when parking.



### Maven

Product-line expansion;  
Leverage existing infrastructure,  
research & capabilities for the  
future of personal mobility

## SUMMARY

# Valai - your personal driver

- Automated toll payment via IBM/GM partnership
- Maven product expansion + utilizes reserved parking spots
- AI learns habits, accounts for events and weather
- API of Receptiviti for emotional detection
- Communication with user



# THANK YOU.



VALAI  
Your personal driver.