MAKE CARPOOLING DYNAMIC

BOSCH IoT LAB Case

CARPOOLING NOW

- With people you know
- Planned ahead
- Logistically complex

CARPOOLING

NOW → IN THE FUTURE

- With people you know → With anyone
- Planned ahead → Spontaneous
- Logistically complex → Effortless

INTRODUCING

SWITCHHIKE

SwitchHike automatically offers remaining spots in your car only when it’s convenient for you.

IT WOULD ALLOW...

Drivers to share their costs

Everyone to help save the environment 🌱

Passengers to get the most affordable ride

PROGRESS OF THE APPLICATION CURRENTLY

- Capacity
- Driving behaviour
- Physiological data (wearable)

→ Rule-based system

PROGRESS OF THE APPLICATION

CURRENTLY ⟶ FUTURE

- Capacity
- Driving behaviour
- Physiological data (wearable)

⟶ Rule-based system

Personalised system using Machine Learning

Voice Control for the driver

SWITCHHIKE

INTELLIGENT EFFORTLESS CARPOOLING

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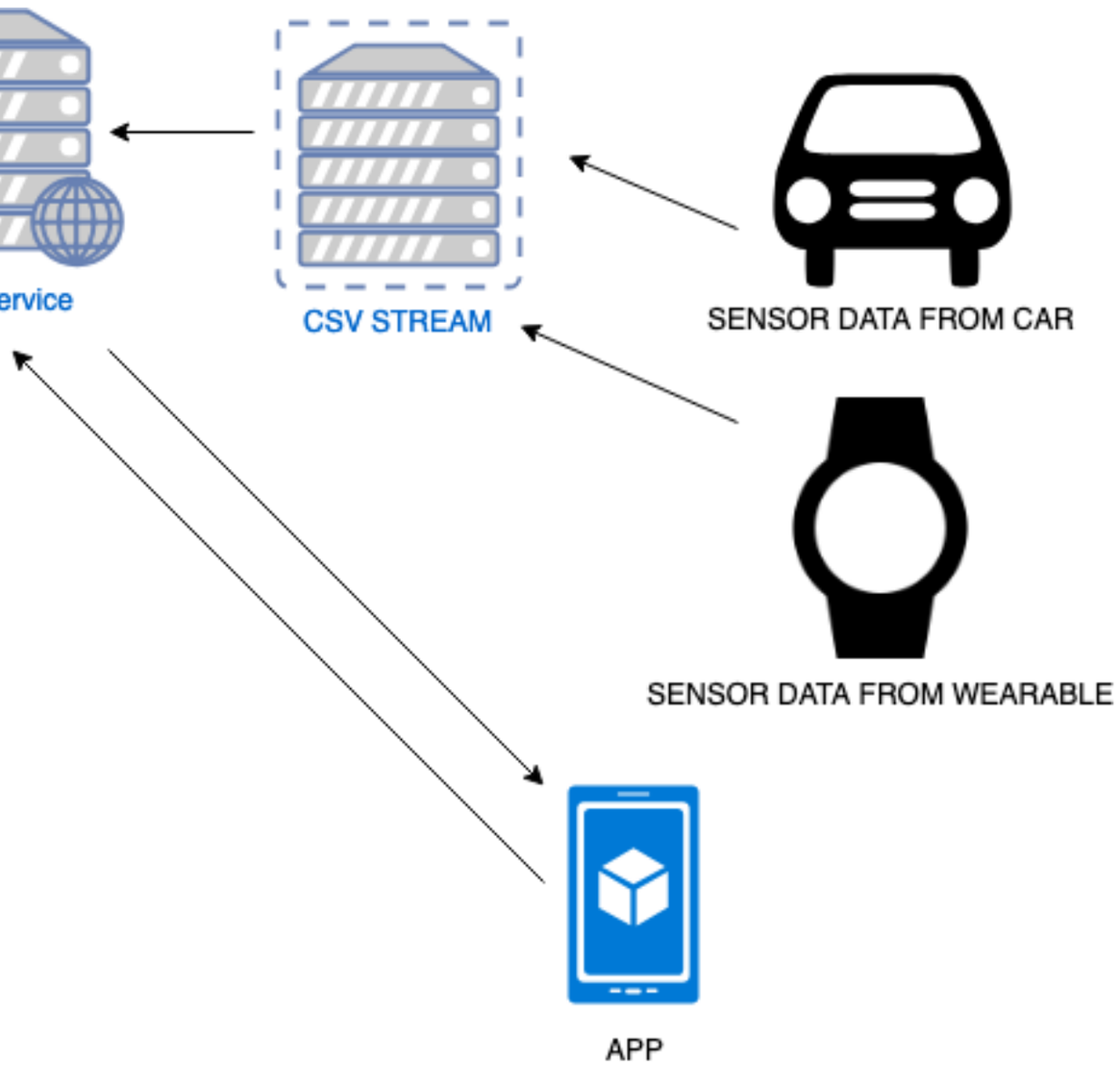
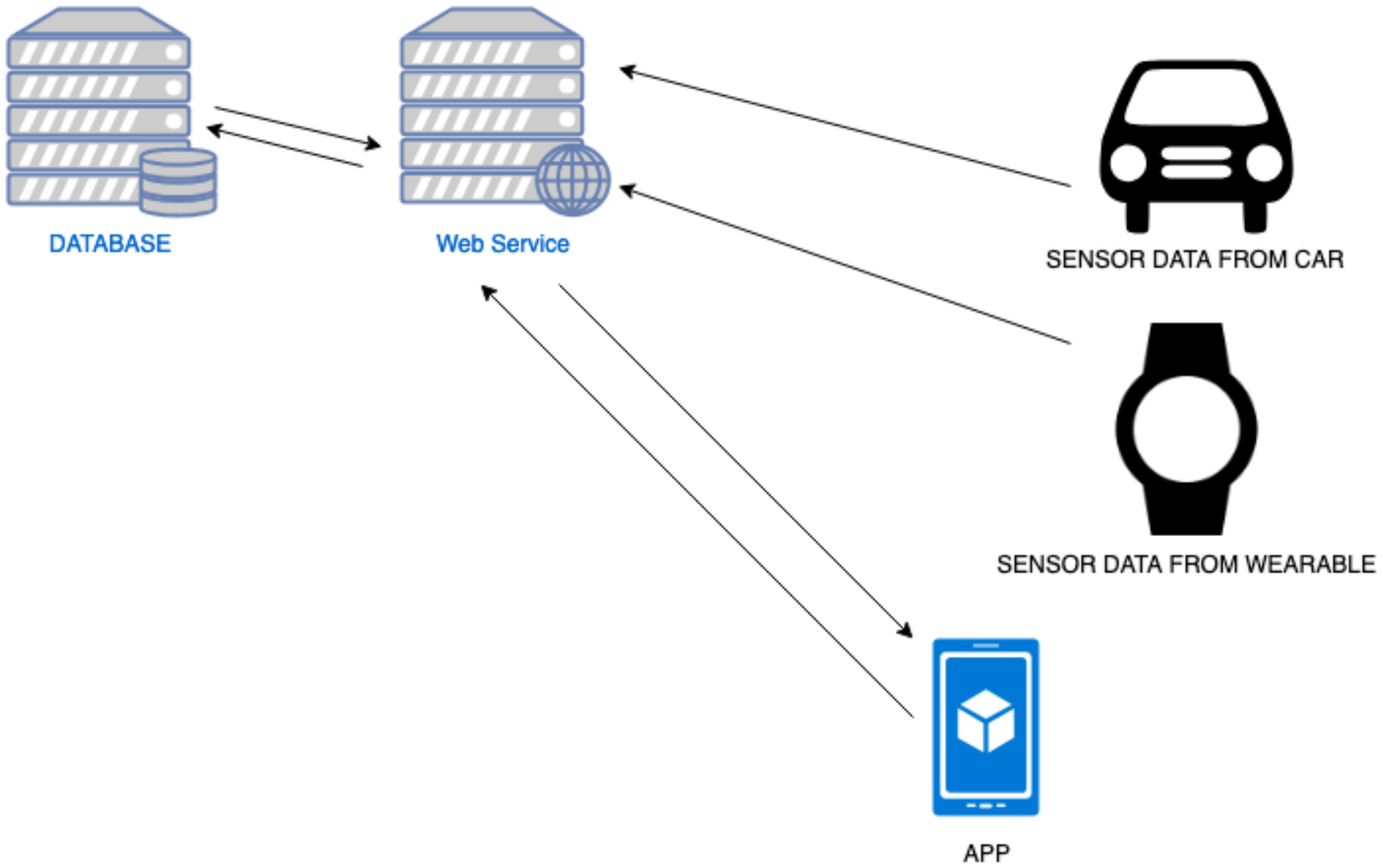
BACKUP

CURRENT ARCHITECTURE



FUTURE ARCHITECTURE