



## Context Awareness











## Speech recognition example

Consider now a speech recognizing version of this application:

• "It's 7pm and you're in San Francisco, there is a table available two blocks away at Aqua, and they have a special on Salmon in parchment for \$28. Would you like me to book a table, and order the special?"

User: Yes or No









## **Perceptual Interfaces**

- Perceptual interfaces make high-level interpretations of sensor data:
  - Computer Vision
  - Speech recognition
  - Bluetooth, location sensing











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