

ORACLE

Corso APEX – Carpisa - Yamamay

Ing. Roberto Capancioni

Lezione 1 - 20 Giugno 2023

Chi Sono

Ing. Roberto Capancioni

—Sviluppo Oracle APEX

capancioni.com



**Oracle ACE
Pro**



Email: sviluppo@capancioni.com

Linkedin: <https://www.linkedin.com/in/robertocapancioni>

Web: <https://capancioni.com>



Oracle APEX



What is Oracle APEX?

Database-centric web application development framework



Develop desktop and mobile web apps



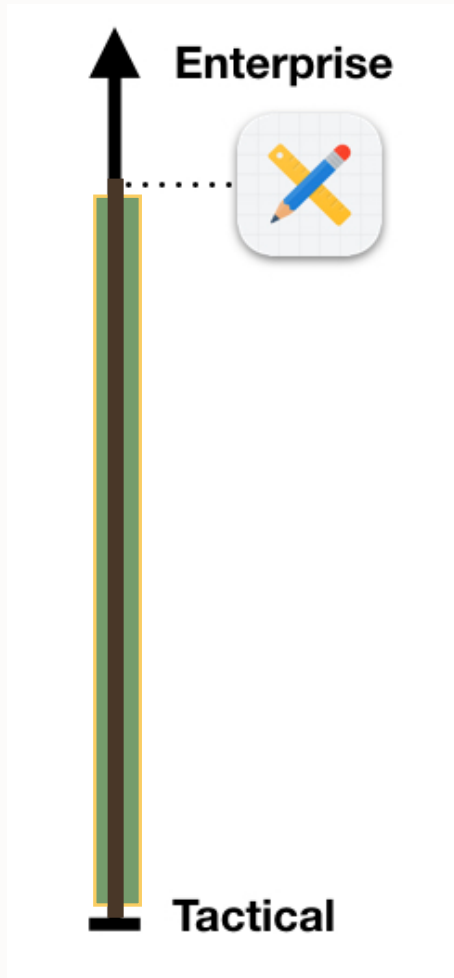
Visualize and maintain database data



Leverage SQL Skills and database capabilities

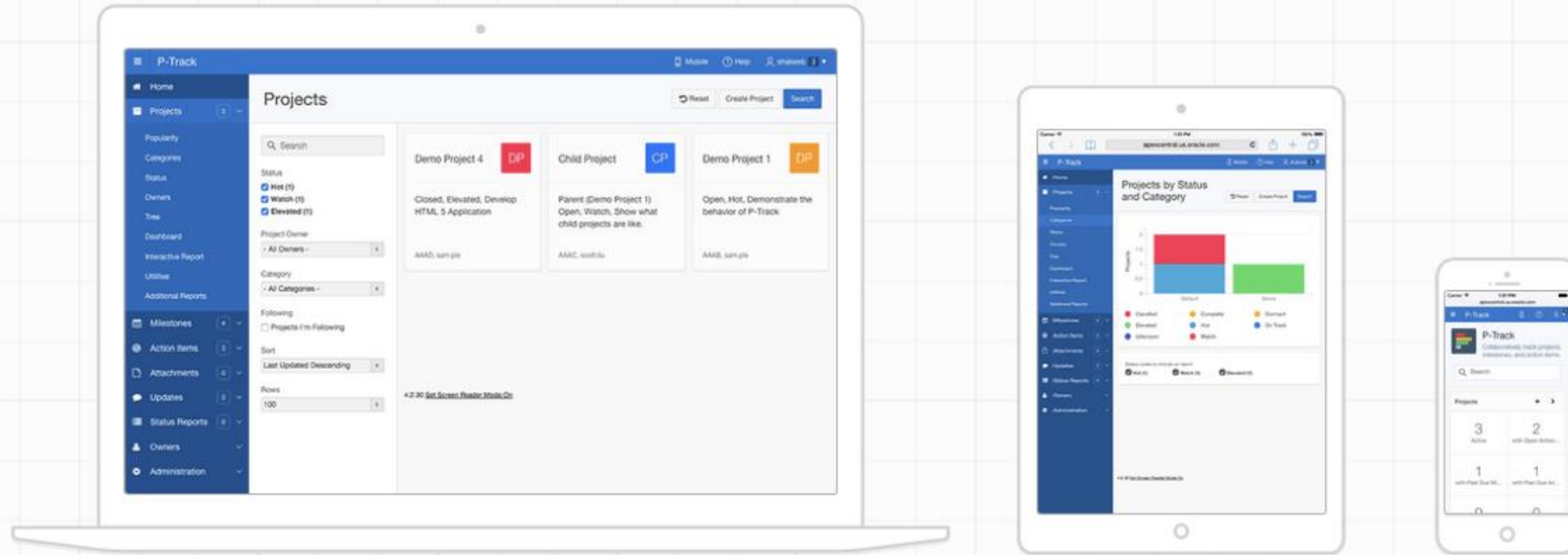
Oracle APEX

What sorts of apps is Oracle APEX suitable for?



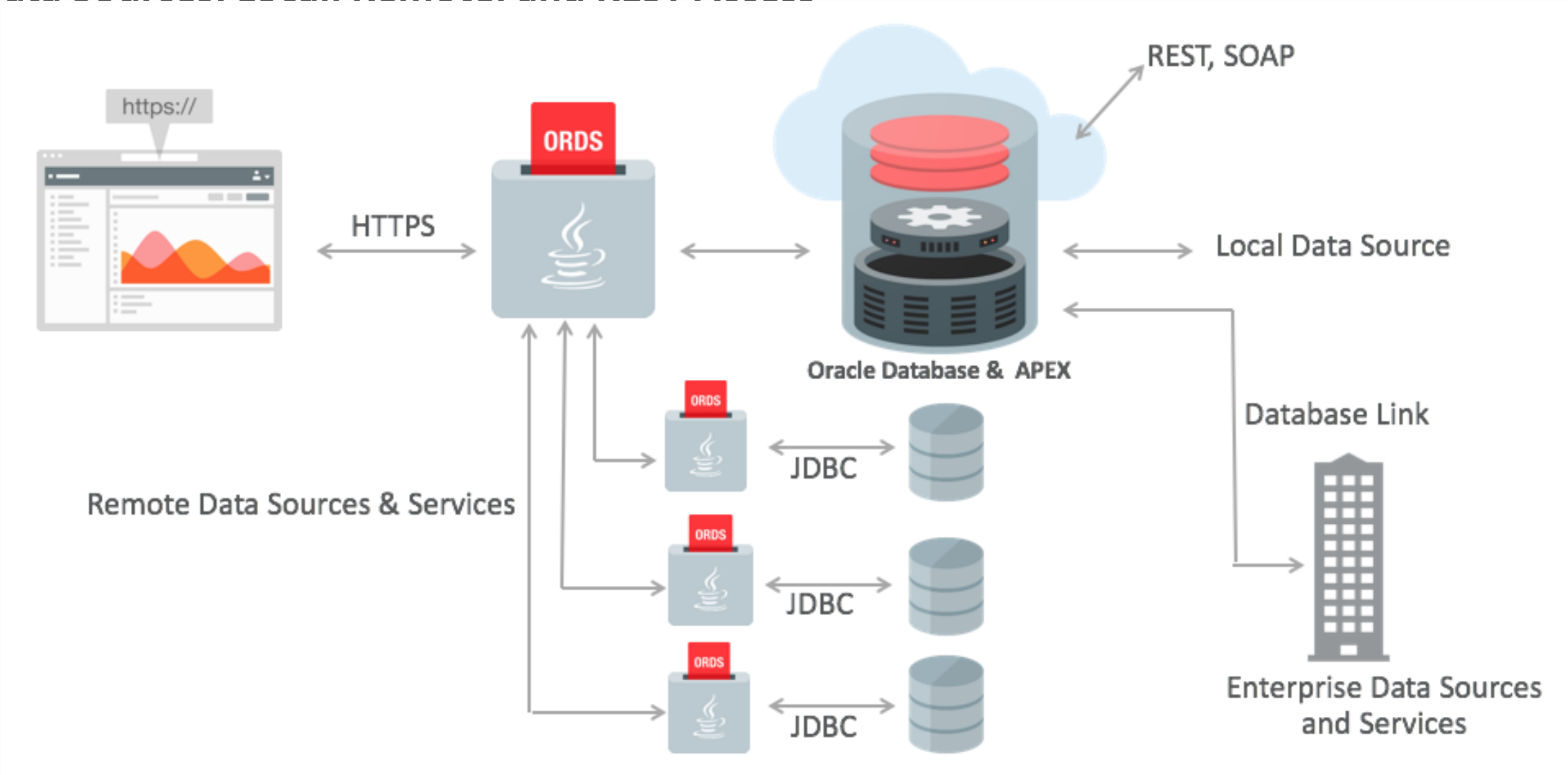
- Large mission-critical apps for thousands of users
- Fill in gaps in corporate systems
- Streamline outdated business processes
- Modernization of legacy systems
- Self-service apps for all employees
- Customer / partner-facing portals
- Responsive apps that work on any device
- Proof of Concepts
- Quick-win apps (lifespan < a few months)
- Replacing spreadsheets

Oracle APEX: User Interface for Any Device

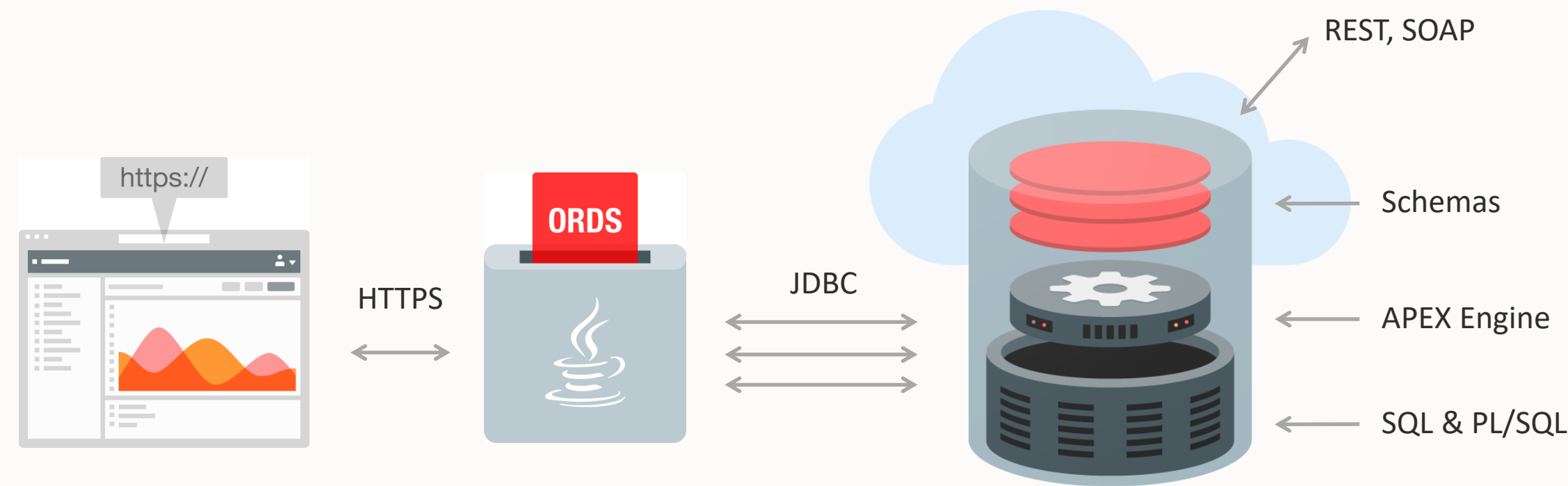


Modern, intuitive, accessible UI for any device
fully customizable and responsive apps

Data Sources: Local. Remote. and REST Access



Oracle APEX Architecture



Oracle REST Data Services

(Weblogic, Jetty, Tomcat)

No Application Logic

Converts HTTP to database API calls

Browser

Mid Tier

Oracle Database

(Pluggable or Dedicated, 11g, 12c, 18c)

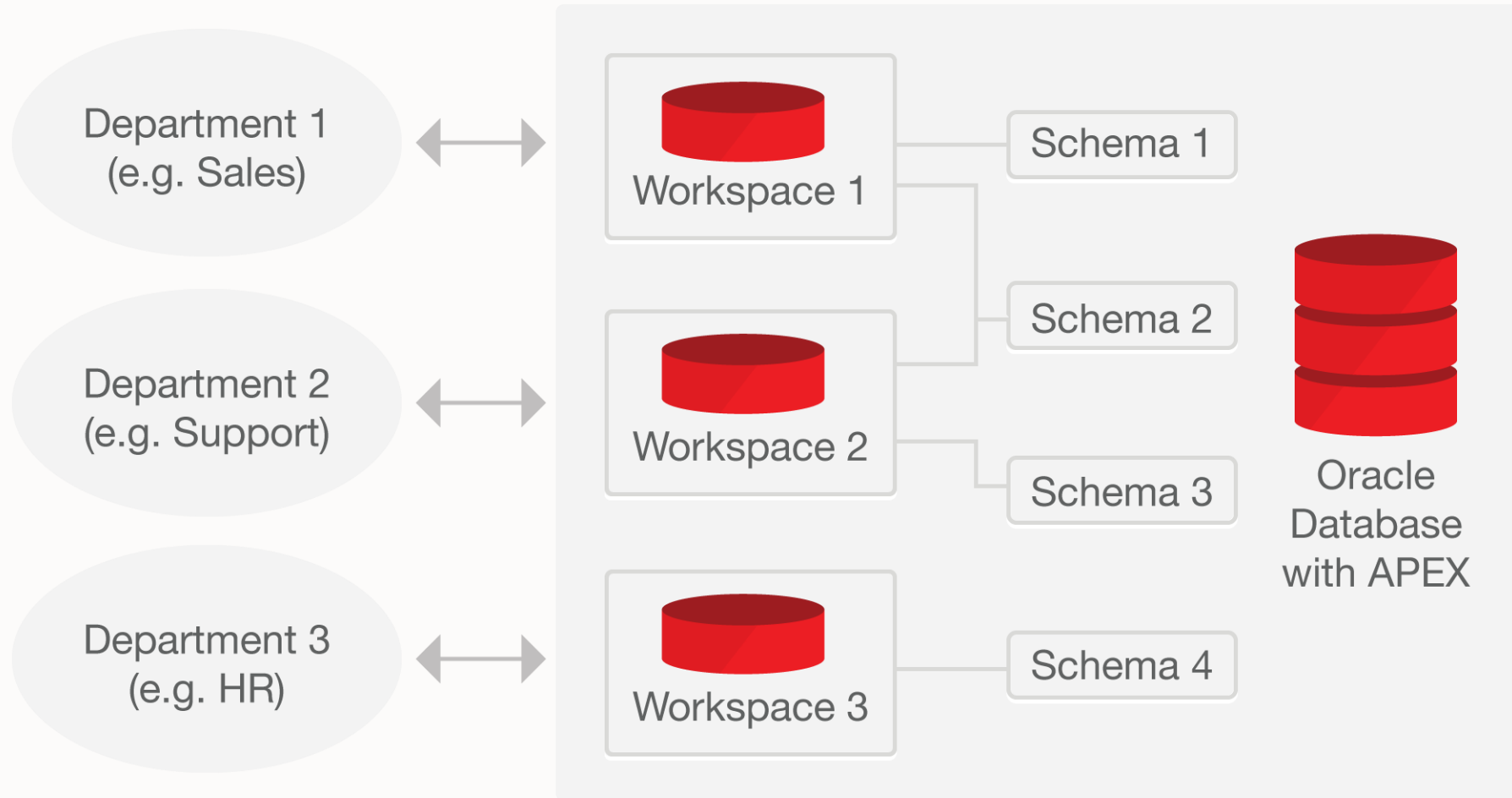
Zero latency database data access

Dynamically driven by APEX metadata

Database Tier



Oracle APEX - Concepts



Development / Deployment Options



Local

- Install on stand-alone laptops using Oracle Express Edition (XE) or full database version
- Simply upgrade APEX to the required version
- Can work completely disconnected

On-Premise

- Typically run by the IT Department
- IT generally both production operations service, and a service provider
- Departments responsible for application development

Cloud

- Deploy Internet applications
- Leveraged for fast application development, user acceptance and training.
- Prototyping & Proof-of-Concept
- Consulting companies develop for deployment on customer premise

Browser based application development framework enables efficient development & deployment

Shoot someone a URL – Check this out – Application Development