

# App Development Fundamentals

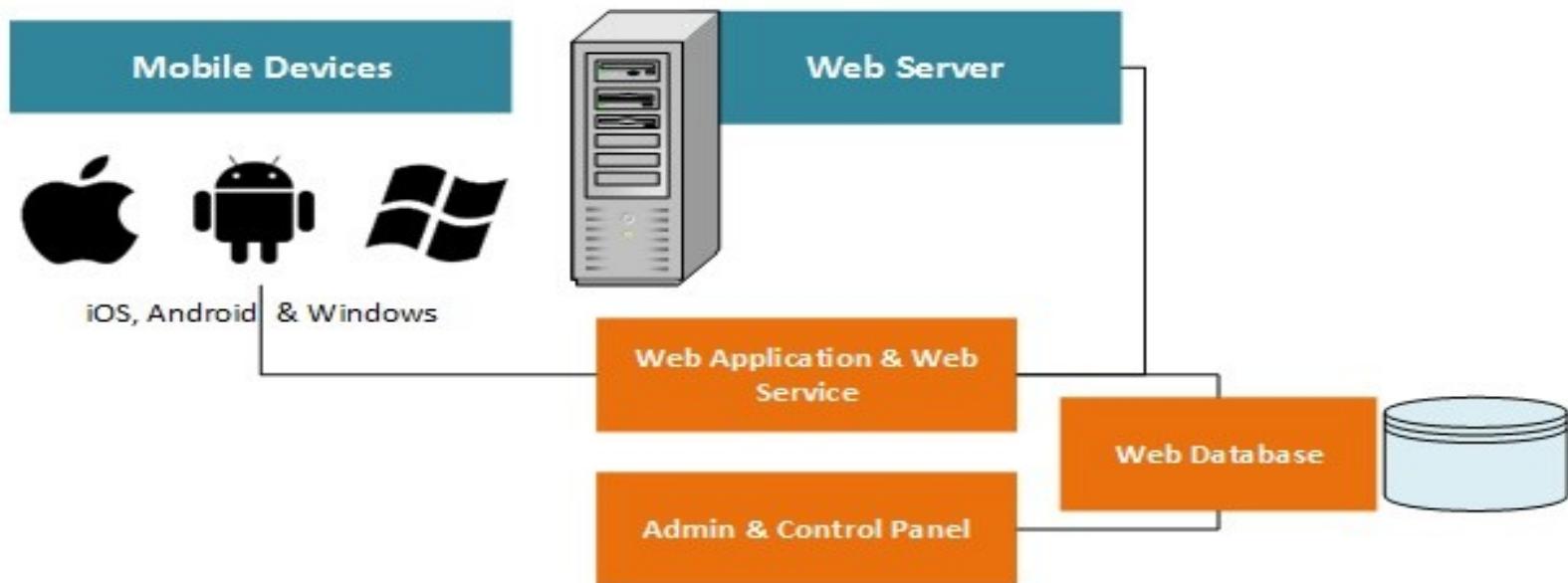
# 3-Tier Approach in Web Development

presentation tier, application tier, and data tier.

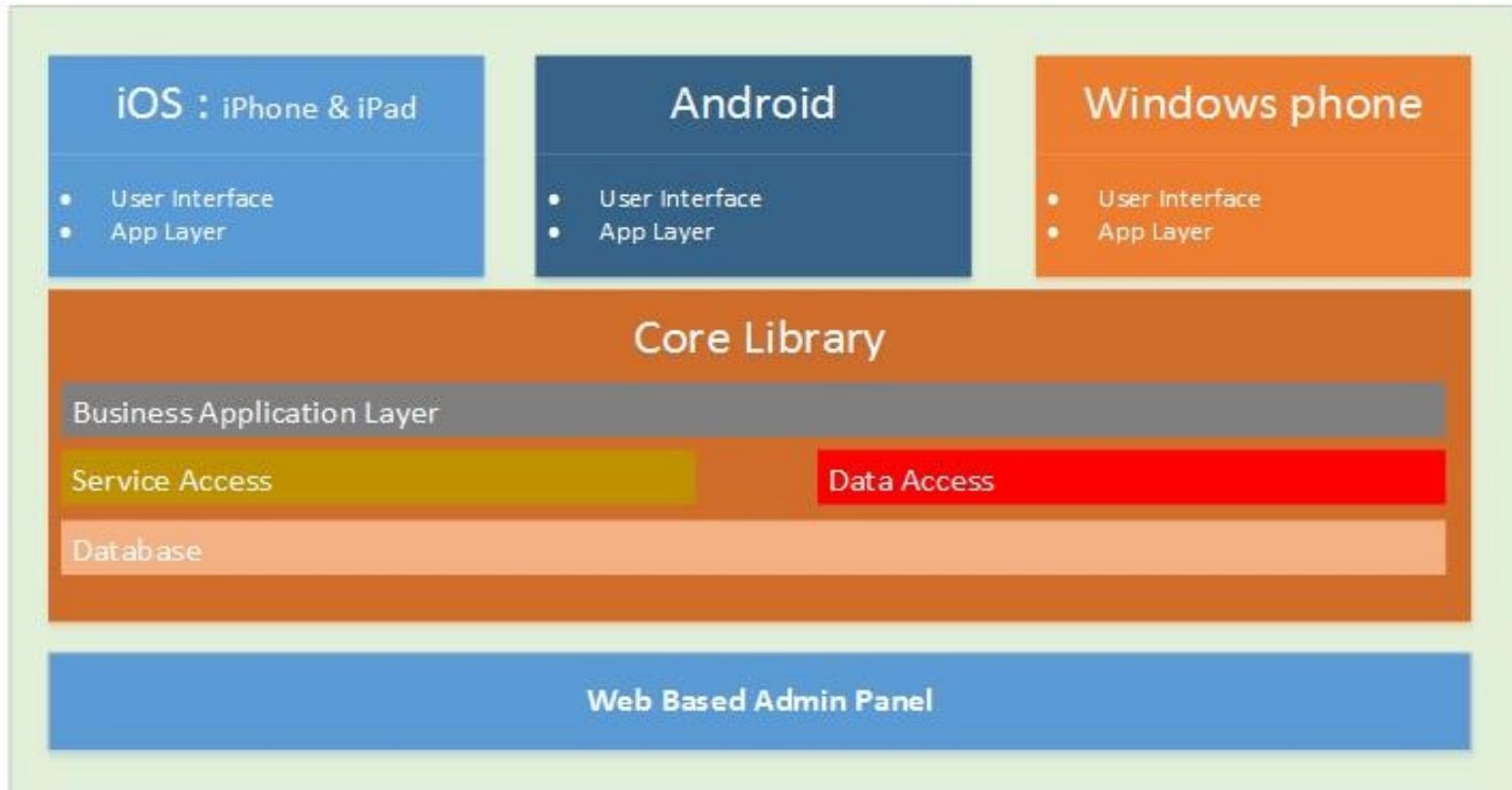


# Mobile Apps Communication

Cross Platform Mobile Apps – System Architecture



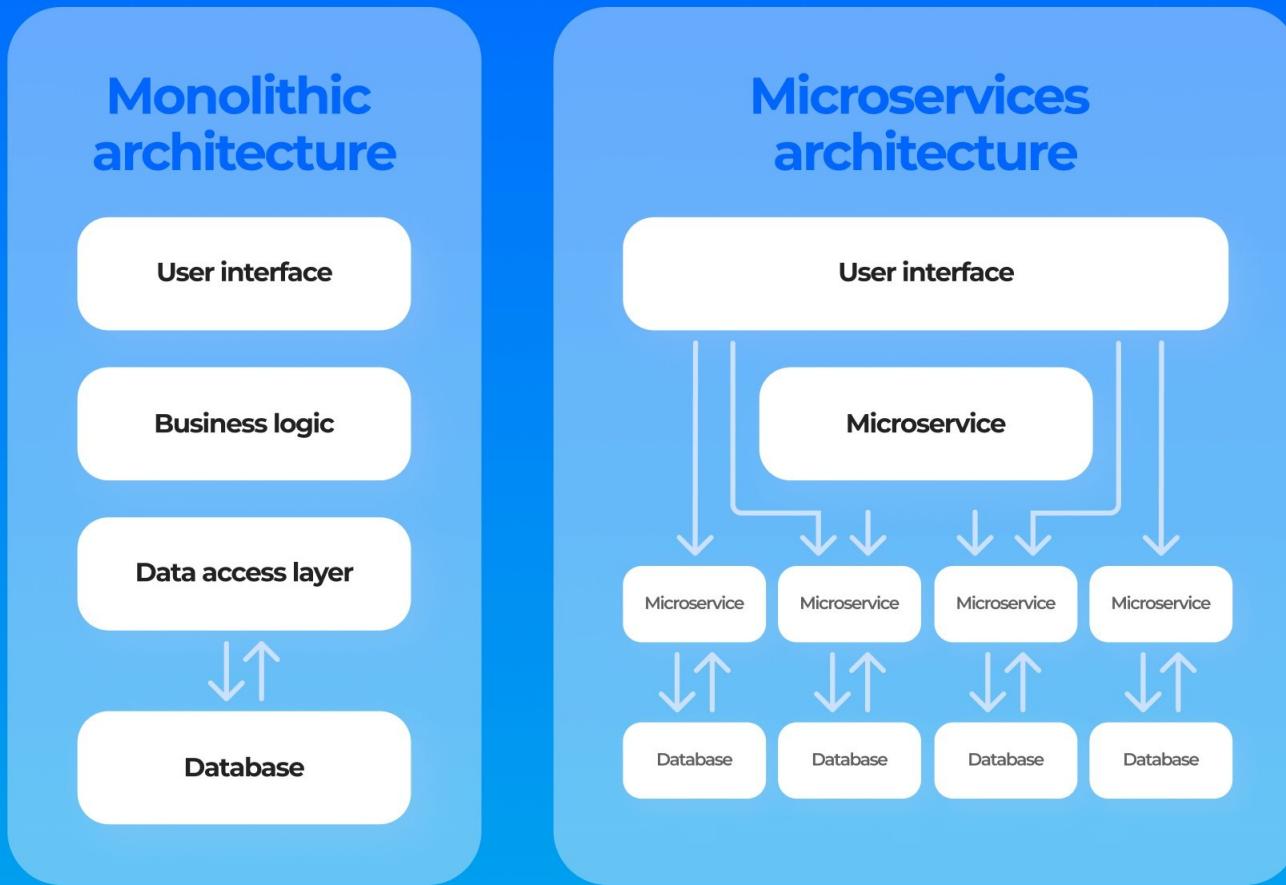
# Mobile Apps System Architecture



# Type of Database

- Relational Database
- XML Database
- Object-Relational Database
- Graph Database
- Object-Store Database
- In-memory Database

# Web Service Architecture



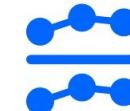
# Web Development Current Trends



Progressive web app



Cloud migration



AI-based bots



Voice search



Internet of Things