



IS Innovation Midterm Summary of Lessons

Understanding Cloud Technology and Modern Innovation

- ☛ Cloud computing is the delivery of computing services over the internet instead of using local computers or servers.
- Data is stored online
- Applications run on remote servers
- Users can access systems anytime, anywhere
- ☛ Cloud innovations are new ways of using cloud technology to improve systems, services, and businesses.
- Faster system development
- Scalable applications
- Real-time access to data
- ⚙️ 3. TYPES OF CLOUD SERVICES
- ☐ a. Infrastructure as a Service (IaaS)
- ☐ b. Platform as a Service (PaaS)
- ☐ c. Software as a Service (SaaS)
- 🌐 4. HOW CLOUD TECHNOLOGY ENABLES INNOVATION
- ✓ No Need for Physical Infrastructure
- ✓ Faster Development
- ✓ Global Access
- ✓ Real-Time Updates
- ☐ 5. CLOUD IN BUSINESS AND INFORMATION SYSTEMS
- ☐ Store Data
- ☐ Run Applications
- ☐ Support Remote Work
- ☐ Enable Collaboration
- ☐ 6. BENEFITS OF CLOUD COMPUTING
- ✓ Scalability
- ✓ Cost Efficiency
- ✓ Flexibility
- ✓ Reliability
- ✓ Automatic Updates
- ⚠️ 7. CHALLENGES OF CLOUD COMPUTING
- ✗ Security Risks
- ✗ Privacy Issues
- ✗ Internet Dependence
- ✗ Limited Control
- ☐ 8. CLOUD SECURITY AND ETHICS
- Protecting user data
- Ensuring privacy
- Preventing unauthorized access
- Following ethical standards
- ☐ 9. FUTURE OF CLOUD INNOVATION
- ✓ Artificial Intelligence (AI)
- ✓ Big Data Analytics
- ✓ Internet of Things (IoT)
- ✓ Smart Applications

Understanding App Features and Their Importance

- Mobile app features are the functions or capabilities that allow an application to perform tasks and provide value to users.
- ☐ TYPES OF COMMON APP FEATURES
- ☐ a. Recommendation Systems
- ☐ b. Automation
- ☐ c. Real-Time Functionality
- ☐ d. Offline Capability
- ☐ e. Instant Access
- ☐ WHY APP FEATURES MATTER
- ✓ Improve User Experience
- ✓ Solve Problems
- ✓ Increase Efficiency
- ✓ Make Apps Competitive
- 💡 4. HOW FEATURES SOLVE REAL PROBLEMS
- ☛ Every good app is designed to solve a problem.
- ☛ Features should always have a purpose, not just design
- ☐ 5. CHOOSING THE RIGHT FEATURES
- ✓ Relevance
- ✓ Simplicity
- ✓ Performance
- ✓ User Needs
- 🔗 6. IMPORTANCE OF FEATURE JUSTIFICATION
- In app development, it is important to explain why a feature is included.
- ☐ 7. BUILDING A GOOD APP CONCEPT
- ✓ Clear Purpose
- ✓ Target Users
- ✓ Useful Features
- ✓ Simplicity
- 8. CRITICAL THINKING IN APP DEVELOPMENT
- They should ask:
- Is this feature necessary?
- Will users benefit from it?
- What happens if this feature is removed?

How Companies Compete, Innovate, and Act Responsibly

- ☐ Today's companies are not just businesses—they are technology-driven organizations.
- ☐ BUSINESS STRATEGY AND COMPETITION
- ☐ Key Factors in Competition:
- ✓ Competitors
- ✓ Barriers to Entry
- ✓ Customer Choice
- ✓ Substitutes
- ✓ Power in the Market
- ⚙️ 3. HOW COMPANIES CREATE VALUE
- ☐ Operations
- ☐ Marketing & Sales
- ☐ Customer Service
- ☐ Technology & Support
- ☐ 4. TECHNOLOGY AND INNOVATION
- ☐ Innovation is the use of new ideas or technology to improve or change how things are done.
- ✳️ Some technologies completely change industries. This is called disruption.
- ☐ 5. IMPACT OF TECHNOLOGY ON CUSTOMERS
- ✓ Making services faster
- ✓ Providing convenience
- ✓ Offering personalized experiences
- ✓ Giving real-time access to information
- Ethics refers to what is right and wrong in how companies behave.
- ✗ Privacy Concerns
- ✗ Data Misuse
- ✗ Lack of Transparency
- ☐ 7. DATA PRIVACY AND USER RIGHTS
- Know what data is collected
- Control how their data is used
- Be protected from misuse