



### **Lesson Objectives**



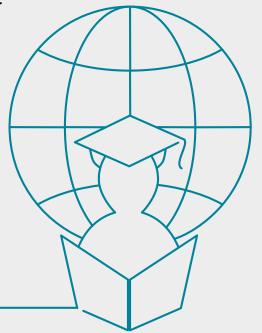
By the end of this lesson, you will be able to:

List components of an application

List steps to deploy a successful application

 List the building blocks of an application provided by the Force.com platform

 Describe the types of applications that can be built on the Force.com platform



# 4.1: Basic Application Design Application Design Questions



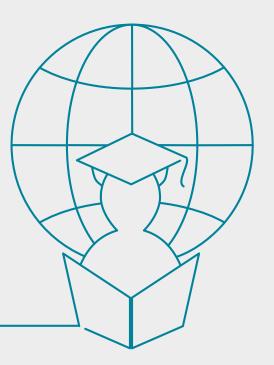
Who are your stakeholders and business partners?

What are the business requirements?

Who will use the application?

What do you want to be able to report on?

How will people learn to use the application



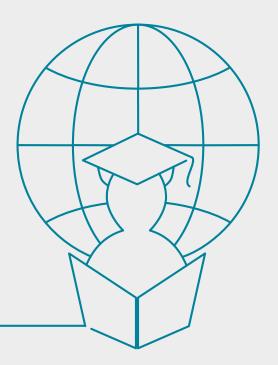


# 4.1: Basic Application Design Other Application Design Considerations

### Apply a tiered model

- User interface
- Business Logic
- Data

Validate your design with a user group Keep it simple



### 4.2: Building applications on Force.com platform Types of Apps Suitable for the Force.com Platform

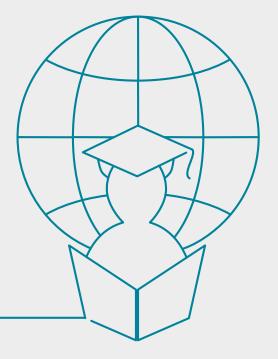


Intranet/Portal	Marketing/ Content Websites	PRM (Partner Relationship Mgmt)	Account Provisioning	Banking/ Payment Websites
Enterprise	Intranet Search	HR CRM	Benefit Enrollment Expense Mgmt Help desk Procurement	Payroll Financials Supply Chain
Department	Project Portal Sharepoint	Time and Billing Project Mgmt	Recruiting Bug Tracking	Quick Books
Group	File share	Spreadsheet	Press Release Approval	
	Content	Data	Process	Transaction



## 4.2: Building applications on Force.com platform The Declarative Framework

A set of easy-to-use tools to customize existing applications or build applications from scratch with clicks not code Build complete application (data model, UI and business logic) with no programming





# 4.2: Building applications on Force.com platform Application Building Blocks



Applications
Tabs
Page Layouts
Record Types



User Interface

- Force.com Pages
- Web controls
- Sites



- Workflow
- Validation Rules
- Approval Processes



Business Logic

- Force.com Page Controllers
- Force.com code
- Web Services API



- Objects
- Fields
- Relationships



Data Model

- Web Services API
- Metadata API



**Declarative** 

**Programmatic** 

Simplicity + Speed

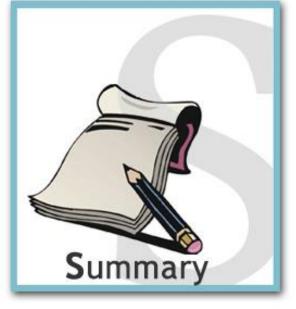
**Control + Flexibility** 

### **Summary**



### In this lesson, you have learnt:

- Basic Application design
- Application Design Considerations
- Types of Apps Suitable for the Force.com Platform
- Declarative Framework
- Application Building Blocks





### **Review Question**



Question 1: What are the three layers of an application?

Question 2: What are the application building blocks provided by the Force.com platform

Question 3: What are the types of applications that can be built on the Force.com platform?

