

## Handout 4-1

The following represents possible phases and suggested high-level tasks for a typical application development project.

1.0 The following are some major activities during the **Solution Outline** phase:

- 1.1 Conduct Solution Startup
- 1.2 Initiate Solution Outline
- 1.3 Review Client Environment
- 1.4 Outline Solution Requirements
- 1.5 Outline Application Model
  - 1.5.1 Event Code Men's
  - 1.5.2 Event Code Women's
  - 1.5.3 Integration Code
  - 1.5.4 World News Press Agencies Code (WNPA)
  - 1.5.5 Commentator Information System Code (CIS)
  - 1.5.6 Print Distribution Code
- 1.6 Outline Architecture Model
- 1.7 Assess Business Impact
- 1.8 Outline Solution Strategy
- 1.9 Confirm Solution Outline
- 1.10 Confirm Completion of Solution Outline

2.0 The following are some major activities during the **Macro Design** phase:

- 2.1 Initiate Macro Design
- 2.2 Refine Requirements & Application Model
- 2.3 Design User Interfaces
- 2.4 Design Architectural Model
- 2.5 Conduct Static Testing
- 2.6 Design Solution Plans
- 2.7 Design Test Specifications
- 2.8 Build Development Environment
- 2.9 Confirm Completion of Macro Design

3.0 The following are some major activities during the **Micro Design** phase:

- 3.1 Initiate Micro Design
- 3.2 Develop Detail Requirements & Application Model
- 3.3 Refine Architecture Model
- 3.4 Perform Static Testing
- 3.5 Create Detail User Interfaces
- 3.6 Define Training and User Support
- 3.7 Define Physical Application Model
- 3.8 Plan Development
- 3.9 Confirm Completion of Micro Design

4.0 The following are some major activities during the **Build Cycle** phase:

- 4.1 Initiate Build Cycle
- 4.2 Develop Support Materials
- 4.3 Prepare for Testing

- 4.4 Perform Programming Cycle
- 4.5 Perform Development Testing
- 4.6 Perform System and Integration Testing
- 4.7 Plan Deployment
- 4.8 Confirm Completion of Build Cycle

5.0 The following are some major activities during **Deployment** phase:

- 5.1 Initiate Deployment
- 5.2 Perform Acceptance Testing
- 5.3 Set Up the Production Environment
- 5.4 Deploy Client's Support Structure
- 5.5 Conduct Cut Over to the Production Environment
- 5.6 Review Solution Plans
- 5.7 Confirm Completion of Deployment Cycle

6.0 The following are some major activities during **Closure** phase:

- 6.1 Schedule project review(s)
- 6.2 Schedule customer satisfaction survey
- 6.3 Collect all assets to be returned to Client
- 6.4 Prepare End of Engagements Documentation
- 6.5 Verify & Validate that all deliverables are in Contract Master file
- 6.6 Conduct Closure meeting with Client
- 6.7 Obtain Final approvals on Labor & Expenses
- 6.8 Confirm Project Close

## 7.0 Project Management & Administration

**Notice:** The phases and tasks quoted in this document are fictitious. They were created for instructional purposes for use in this course.