CHAPTER 3:

EXPERIMENTATION AND RESULTS I

3.1 ANALYSIS FOR DESIGN WITH INCREMENTAL MODEL

ANALYSIS FOR DESIGN WITH INCREMENTAL MODEL
Q. Quality of design available?

- Vague
- Detailed

Q. Do you have a legacy system?

- Yes
- No
Software Development Strategy with High Quality Design for Large Scale Projects

![Image of Process Models window showing cost question: Q. What is the cost? Expensive or Not accurate?]

![Image of Process Models window showing time of completion question: Q. What is the time of completion required? Fast or Slow?]
Software Development Strategy with High Quality Design for Large Scale Projects

Q. Type of quality standards required?

- High
- Low

Q. Do you want change control?

- Yes
- No
Software Development Strategy with High Quality Design for Large Scale Projects

Most appropriate process models:
1. Spiral Model
2. Prototype Model
3. Incremental Model

Q. Urgency of working model?
   - More
   - Less

Options:
- Reset
- Continue...
- Quit
- Next >>
Figure 2: Incremental Model
3.2 ANALYSIS FOR DESIGN WITH RAD MODEL
Q. Quality of design available?

- Vague
- Detailed

Q. Do you have a legacy system?

- Yes
- No
Most appropriate process models:
1. R.A.D. Model
2. Waterfall Model
3. Prototype Model

Q. In initial stages preference to relevance or reliability?

- Reliable
- Relevant

Reset  Next >>  Quit
Software Development Strategy with High Quality Design for Large Scale Projects

Figure 3: RAD Model
3.3 ANALYSIS FOR DESIGN WITH PROTOTYPE MODEL
Q. Quality of design available?

- Vague
- Detailed

Q. Do you have a legacy system?

- Yes
- No

Process Models
Q. What is the cost?

- Expensive
- Not accurate

Reset  Next >>  Quit

Q. What is the time of completion required?

- Fast
- Slow

Reset  Next >>  Quit
Q. Type of quality standards required?

- High
- Low

Q. Do you want change control?

- Yes
- No

Next >>  Reset  Submit  Quit
Most appropriate process models:
1. Spiral Model
2. Prototype Model
3. Incremental Model

Q. Urgency of working model?
- More
- Less

Reset Continue... Quit
Reset Next >> Quit
Figure 4: Prototype Model
3.4 ANALYSIS FOR DESIGN WITH WATERFALL MODEL

ANALYSIS FOR DESIGN WITH WATERFALL MODEL
Q. Quality of design available?
- Vague
- Detailed

Q. Do you have a legacy system?
- Yes
- No
Q. What is the cost?

- Expensive
- Not accurate

Q. What is the time of completion required?

- Fast
- Slow
Most appropriate process models:
1. R.A.D. Model
2. Waterfall Model
3. Prototype Model

Q. In initial stages preference to relevance or reliability?
   - Reliable
   - Relevant

Reset  Continue...  Quit
Reset  Next >>  Quit
Q. Given set of requirements are _____.

- Complete
- Incomplete

Figure 5: Waterfall Model
3.5 ANALYSIS FOR DESIGN WITH SPIRAL MODEL
Q. Quality of design available?

- Vague
- Detailed

Q. Do you have a legacy system?

- Yes
- No
Q. What is the cost?

- Expensive
- Not accurate

Q. What is the time of completion required?

- Fast
- Slow
Q. Type of quality standards required?

- High
- Low

Q. Do you want change control?

- Yes
- No
Most appropriate process models:
1. Spiral Model
2. Prototype Model
3. Incremental Model

Q. Urgency of working model?
- More
- Less

Next >>
Figure 6: Spiral Model