**SOFTWARE HOUSE DETAILS**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Corresponding Person: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Position: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***ABOUT SOFTWARE HOUSE***

1. When you start-up the software house?

a) 1-5 years

b) 5-10 years

c) 10-20 years

d) more than 20 years

2. How many total employees do you have in software house?

a) 0-10

b) 10-20

c) 20-30

d) more than 30

3. Your software house is at which type?

a) Product Based

b) Freelancing Based

c) Other

4. Which type of client you deal?

a) Local Client

b) International Client

c) Other

5. Do you have teams in different regions?

a) Yes

b) No

***ABOUT PROJECT***

6. Your software house at which level of CMM?

Ans.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Which process model you follow in your software house?

a) Throw away

b) Waterfall

c) Spiral

d) other

8. Which type of projects are deals in your software house?

a) Database projects

b) Hardware based

c) Web based

d) Android based

e) All of the above

9. Average of your project time duration?

a) 1-6 months

b) 6-12 months

c) 1-2 year

d) other

10. Do you involve customers in your projects?

a) Yes

b) No

11. Do you prefer customer feedback timely?

a) Yes

b) No

12. Average number of team members who work on projects?

a) 1-10

b) 10-20

c) 20-30

d) other

13. Team members working in project:

a) Individually

b) Pairs

c) Groups

d) Other

14. At which stage you face more problems in project?

a) Analysis

b) Design

c) Implementation

d) Testing

e) Maintenance

15. Do you think that customer feedback is important for project success?

a) Yes

b) No

16. What is the nature of project management?

a) Centralized

b) Distributed

17. What is your project success ratio?

a) 50%

b) 70%

c) 90%

d) 100%

***MODEL BASED DEVELOPMENT***

18. Do you perform modeling?

a) Yes

b) No

19. At which level do you apply modeling?

a) Analysis

b) Design

c) Test

d) Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20. Which language you use for modeling?

a) UML

b) Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21. Which tool you use for modeling?

a) Commercial

b) Non-commercial

22. Which commercial/non-commercial tool you use?

a) Visio

b) Star-UML

c) Visual Paradigm

d) E-Draw

e) Smart-Draw

f) Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

23. What type of UML diagram you use mostly?

a) Use case

b) Class

c) Activity

d) Sequence

e) All of the above

24. Do you perform XMI export on your model for tool compatibility or versioning purposes?

a) Yes

b) No

25. Is modeling effective?

a) Yes

b) No

26. Why Pakistan’s software houses usually don’t apply modeling?

Ans: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***ABOUT SCM/VERSIONING***

27. Do you apply SCM/versioning?

a) Yes

b) No

28. Do you have a configuration manager?

a) Yes

b) No

29. If you don’t have a configuration manager, who manage your project?

Ans: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

30. Which type of SCM you apply?

a) File Based

b) Model Based

31. Which SCM tool do you use?

a) SVN

b) Git

c) CVS

d) Perforce

e) VSS

f) Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

32. Tools are based:

a) LAN Based

b) WAN Based

33. What is your Versioning Policy?

a) Custom

b) Default

34. Do you apply base line mechanism in SCM?

a) Yes

b) No

35. Do you maintain change records?

a) Yes

b) No

36. Do you check differences in versioning?

a) Yes

b) No

37. Do you think that SCM/versioning improves software project management, development and efficiency?

a) Strongly agree

b) Agree

c) Some how

d) Disagree

e) Strongly agree

38. Do you think software house must apply SCM/versioning mechanism.

a) Strongly agree

b) Agree

c) Some how

d) Disagree

e) Strongly agree

39. what is the ratio of overall affect of SCM on project success?

a) 40%

b) 60%

c) 80%

d) 90%

e) Other\_\_\_\_\_\_\_\_\_\_\_

40. Do you apply branching?

a) Yes

b) No

41. How you resolve conflict?

Ans.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***CHANGE MANAGEMENT PROCESS***

42. Do you apply baseline?

a) Yes

b) No

43. How change is notified?

a) Through Tool

b) Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

44. Do you perform change tracking?

a) Yes

b) No

45. How you record the changing process?

Ans.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

46. How do you deal with changes required by customer in related project?

Ans.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***OVERALL FEEDBACK***

47. SCM tools are necessary for software houses.

a) Strongly agree

b) Agree

c) Some how

d) Disagree

e) Strongly agree

48. Do you think that SCM tools increase the productivity of software houses.

a) Strongly agree

b) Agree

c) Some how

d) Disagree

e) Strongly agree

49. Are there any alternative tools/technique for SCM.

a) Yes

b) No

50. What are the limitations of current tools/approaches to versioning/SCM.

a) Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

51. Why SCM is usually not applied in Pakistani software houses.

a) Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Thank you very much for your time and cooperation***