



Section A: General

Questions in this section are about your organization, your role and experience.

A1. What is the number of employees working in your organization?

- 1
- 2-5
- 5-10
- 11-50
- >50

A2. How many employees are working on Software Development in your organization?

- 0-10%
- 11-25%
- 26-50%
- 51-75%
- 76-90%
- 91-100%

**A3. How many employees are working on your currently running project?
If there are more projects running, pick the largest project.**

A4. Which of the following activities do you perform within your organization?

If you have not spent time on certain activities, then enter a 0 (zero).

Time spent (%):

Programming

Architecting

Managing

Consulting

Maintenance, Service & Support

Other

Experience (year):

Programming

Architecting



Managing

Consulting

Maintenance, Service & Support

Other

A5. You have specified to spent time on other activies.

Please specify this activity or activities.

Section B: Web Application Specific

The following set of questions is applicable to the application you are working on.

B1. What is the average number of users per day as anticipated at design time?

B2. What is the peak number of concurrent users during operations?

B3. Which of the following components are used in your web application?

Please specify the components (eg. Microsoft, Nodejs, Cassandra).

SQL Database(s)

NoSQL Database(s)

ORM (Object Relational Mapping)

DSL (Domain Specific Language)

Server side web frameworks (eg. Spring MVC, Expressjs, Ruby on Rails, Python web framework by Django, PHP web framework by Symphony2)

Rule Bases System(s)

Webservices API (eg. RESTful, SOAP)

Messaging Infrastructure

CSS tools like SASS, LESS

CSS frameworks like Bootstrap or Foundation

Client side frameworks (eg. Angular, React (+ Flux), Ember, Backbone)

Build tools (eg. Jenkins, Grunt, Gulp, Bower, browserify, webpack)

Test frameworks (eg. JUnit, mocha, jasmine, Selenium)



Development Phase The detailed specifications produced during the design phase are translated into hardware, communications, and executable software.

Integration and Test Phase The various components of the system are integrated and systematically tested.

Operations and Maintenance Phase The system operation is ongoing. The system is monitored for continued performance in accordance with user requirements, and needed system modifications are incorporated.

Disposition Phase The disposition activities ensure the orderly termination of the system and preserve the vital information about the system so that some or all of the information may be reactivated in the future if necessary.

Typical size of documents in A4:

Initiation Phase The initiation of a system (or project) begins when a business need or opportunity is identified.

System Concept Development Phase The Systems Boundary Document identifies the scope of the system.

Planning Phase To ensure the products and /or services provide the required capability on-time and within budget, project resources, activities, schedules, tools, and reviews are defined.

Requirement Analysis Phase Functional user requirements are formally defined and delineate the requirements in terms of data, system performance, security, and maintainability requirements for the system.

Design Phase The physical characteristics of the system are designed during this phase.

Development Phase The detailed specifications produced during the design phase are translated into hardware, communications, and executable software.

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C2. Which of the following process methods are used in your projects?

None, ad hoc

Waterfall

Agile (Scrum, XP)

RUP (Rational Unified Process)

RAD (Rapid Application Development)

V-model

TDD (Test Driven Development)

DSDM (Dynamic Systems Development Method)

CMMI (Capability Maturity Model Integration)

Prince2

ITIL (Information Technology Infrastructure Library)

