

Software Practices Immersion – 1 day Boot Camp

FUNCTION POINT ANALYSIS AND SOFTWARE SIZING

(This Program is Registered with PMI, USA and entitles PMPs to claim a credit of 7 PDUs online)

Program Objectives

Participants will learn the rules of software sizing using Function Point Analysis. They will then learn to estimate the size of software requirements (estimated FP count) from a one page RFP using our proprietary process.

Participants will be introduced to the “HOW TO” of using this estimated size of software requirements to arrive at an estimation of effort, cost and time (schedule) for the software development project using concepts of Agile COCOMO and PROBE.

More than 60% of the Boot Camp comprises hands-on sessions with participants in groups, working to build the estimates themselves using case studies and examples.

Participant Profile

Business Managers, Proposal Architects, Delivery Managers, Project Managers, Project Leads, Senior Members of the Process/QA Groups and Senior Software Professionals

Program Schedule

Start Time: 9.30 am End Time: 5.30 pm
2 coffee breaks of 15 mts each and a lunch break of 45 mts

Program Coverage

- Overview to Software Size Estimation
- Software Sizing using Function Point Analysis
- Counting Practices Rules using IFPUG Counting Practices Manual V 4.1
- Group Exercise: Sizing a given Software Application in FP using FPA
- Variants of Function Points (Mk-II FP, Cosmic FFP, Use Case Points etc)
- Using FPA for Size Estimation of Software Requirements
- Concepts of Feature Points in size estimation of software requirements
- Group Exercise: Calculating the estimated FP count of software requirements from a one Page RFP
- How to use the Estimated Software Size to estimate the Effort, Cost and Time(Schedule) for the Software Development Project
- Overview to Agile COCOMO
- Overview to Proxy Based Estimation (PROBE)
- Theory of Backfiring : FP-LOC Conversion

Program Faculty

This Boot Camp is moderated by our Managing Director, S.M.Kripanidhi. Kripanidhi has over 29 yrs experience, the last 20 years in the IT Industry. He has managed and executed over 35 software projects of size ranging from 20 to 200 man-months and has successfully managed the design and development of 6 software products.

In the last 8 years, he has conducted over 100 open workshops, over 500 in-house programs on Software Project Management, Agile Methodologies, Software Requirements Engineering, Software Estimation and other Software Engineering and System Engineering Disciplines

He has been involved in extensive research and practice of various Agile Methodologies and coaches software teams implement these practices. Kripanidhi has designed, developed and delivered customized programs for Centre for Technical Training (CTT), Philips Research Labs, Eindhoven, The Netherlands for their software professionals and technical managers worldwide. He is also an accredited trainer for LogicaCMG to deliver their proprietary project planning and tracking module for their project managers worldwide. Kripanidhi is a contributing author to the Agile Product and Project Management Centre at Cutter Consortium, USA(www.cutter.com)

Kripanidhi is a Certified Scum Master, Certified Lead Assessor: ISO-9000 Quality Systems (1993), Certified Management Auditor (1990), Certified Business Analyst (1991) and a Trained Trainer (1989)