Agile Estimation with Simple Function Points PSM 2019 User's Group

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Participants

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Discussion of the Workshop

- Overview and history of Simple Function Points
- Difference between Simple Function Points and IFPUG Function Points
- Walkthrough of example of requirements Simple Function Point count and cost estimate
- Introduction to verb lexicon and mapping to elementary processes and saves
- DHS Program examples (ICE and FEMA IT Systems)
- Progress Tracking chart using Function Point
- Natural Language Processing and automating counting
- JASI Cost IPT Call to Action

Simplified Function Points

Simple Function Points* count two components:

Elementary Process: the smallest level of activity that is meaningful to the user (EI, EO, EQ)

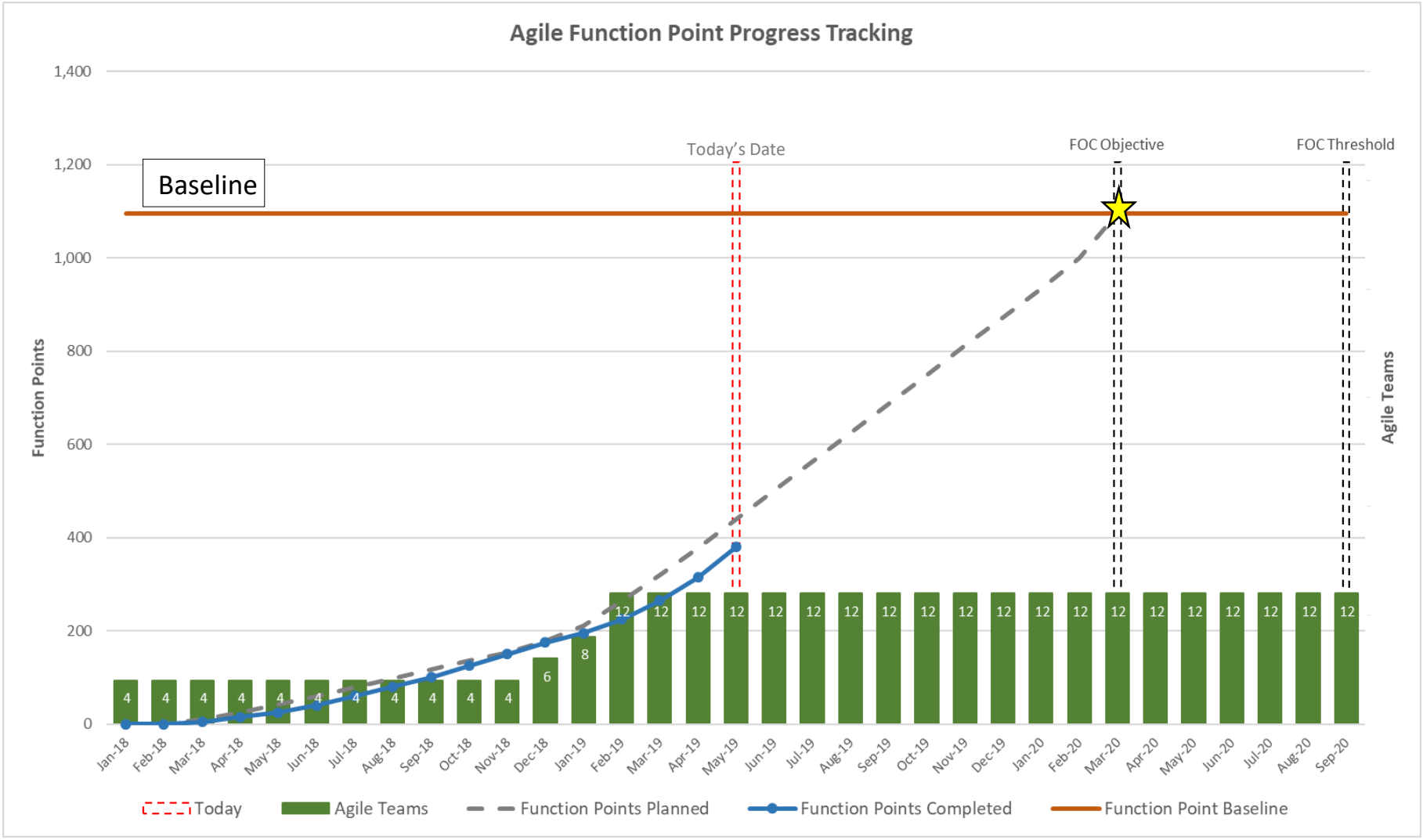
Logical Data Groups: a user identified group of data or control information maintained by an application (ILF, EIF)

IFPUG Components	Low	Average	High
External Inputs	3	4	6
External Outputs	4	5	7
External Inquiries	3	4	6
Internal Logical Files	7	10	15
External Interface Files	5	7	10

SFPA Components	Weighting Factor
Elementary Processes (Create, Update, Delete, Report, Read)	4.6
Logical Data Groups (Saves)	7

* www.sifpa.org/en/

Progress Tracking



Future Works

- Next JASI Meeting – 26 September, 2019
  - FY2019 Accomplishments
  - FY2020 Goals
- Data Collection Plan for completed Programs
  - Functional Size/SLOC
  - Throughput
- Automate Simple Function Points using Natural Language Processing
- Validate Objective Function Points using UCC methodology