

Software Requirements Analysis, Hyper-automated

### **Automated Software Estimation**

ScopeMaster® is a tool that is ideal for cost estimators. It consistently sizes written functional requirements, supports the leading ISO functional sizing standards of IFPUG and COSMIC; also Simple Function Points. **Knowledge of functional size improves early decision-making**.

## **Automated Analysis**

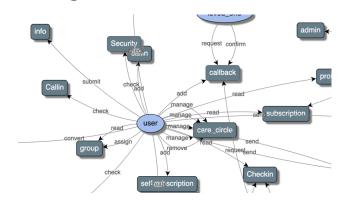
ScopeMaster® analyses a backlog or partial set of requirements, automating:

- CRUD analysis, inc. CRUD security
- Use Case Modelling
- Missing requirement detection
- Duplicate requirement detection
- Consistency analysis and more.

# **Expect a 10x increase in requirements refinement productivity**

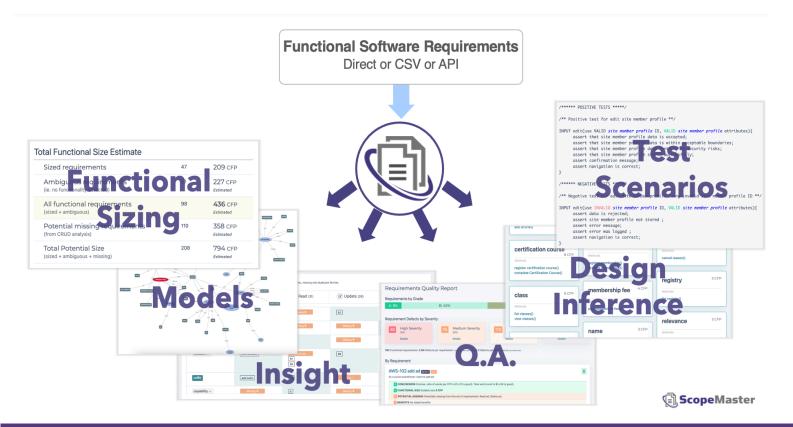
#### **Automated Visualisations**

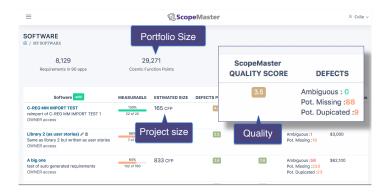
ScopeMaster® generates insightful diagrams automatically that **unlock critical thinking** 



#### **Reduce Rework**

Software projects often suffer from high levels of rework caused by poor or incomplete requirements. With ScopeMaster®, about 50% of requirements problems are detected early, reducing rework, cost and risk.





#### **Features**

ScopeMaster® is a unique tool for software requirements work. It uses natural language analysis to **perform in seconds work that would normally take hours or days**:

Requirements Quality:

- Tests for known requirements pitfalls
- Covers 9 of 10 quality attributes
- Recommends fixes
- Assigns quality grades

Requirements Sizing

- Estimates in ISO size standards
- IFPUG, COSMIC & SFP
- Detects omissions and duplicates
- Tracks scope volatility.

Requirements Insight:

- Detects taxonomy
- Generates visualisations
- Proposes class structures

Generates Traceable Test Scenarios

Positive and negative tests

## "It's the only requirements analyser I have seen. It will make a profound contribution to the IT industry"

Capers Jones,
Author of 17 software books

"...it's a fantastic tool that really uses AI for better software"

Professor Paul. Boudreau, Author, Speaker on Al "...it's a great tool"

Linda Westfall, Author of The Certified Software Quality Engineer Handbook computing
DevOps
Excellence
Awards
2020

## **Large Scale Agile - Estimated**

Functional size is the single most significant factor in determining the cost and duration of a software project. Regardless of the development framework being used, functional size is the most consistent and reliable way of determining software size. ScopeMaster automates the leading standards: COSMIC, IFPUG and simple function points.

## **Easy Integration**

Import a backlog via spreadsheet for a oneoff analysis. Or integrate automated requirements analysis with your existing toolset via the rich REST API. Also integrates with other tools including SEER for Software from Galorath.

## **Buying Options**

- 1. Saas Edition subscription
- 2. **Server** (on-premise) edition subscription
- 3. Analysis as a service we do it for you

#### **Secure**

ScopeMaster® Saas is hosted in a secure top tier virtual cloud, with high levels of protection. Alternatively, for a high security and federal use, we recommend the onpremise server edition (no external connection required)