

• M.A.R.I.N.E FACT SHEET 2018 •

M.A.R.I.N.E

MACHINE **A**SSISTED **R**EQUIREMENTS **I**NSPECTION AND **E**VALUATION

M.A.R.I.N.E uses Natural Language Processing (NLP) to review software requirements for quality and consistency and develops high level software size estimates through function point automation.

SOLUTION CONCEPT FEATURES

- ✓ Analyze and validate requirements
- ✓ Customize the rules engine
- ✓ Perform function point counts according to IFPUG rules
- ✓ Identify data objects and transactions
- ✓ Produce ROM cost and schedule estimates

WHO BENEFITS?



Requirements Analyst



Cost Estimator



Project Manager

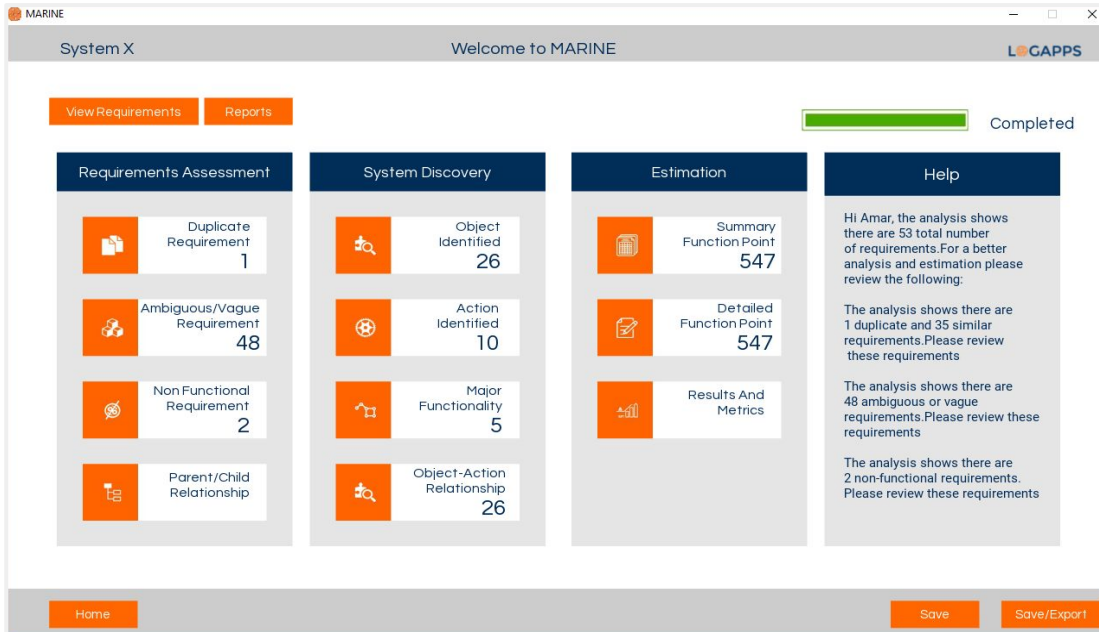
M.A.R.I.N.E decreases the time spent analyzing software requirements and reduces risks associated with human error and subjectivity.

MAN VS. MACHINE

In one trial, M.A.R.I.N.E analyzed 840 requirements in 1,147 seconds (approx. 19 minutes) compared to the 40 man-hours it took for an expert in requirements analysis to perform the same analysis.

EXPLORE THE APPLICATION

The images below show the main dashboard of the M.A.R.IN.E application when a requirements set has been uploaded into the application as well as M.A.R.IN.E's high-level reporting and metrics:



Results and Metrics

Measure	Value
Requirements	53
Function Points	547
SLOC	28,991
Efforts(Person-Month)	109.4
Duration(Months)	9.1
Average Team Size	12.0

Measure	Value
Function Points/Requirement	10.3
Function Points/Month	60
SLOC/Month	265
Function Points/Person-Month	5

Within the next six months, Logapps plans to roll out a M.A.R.IN.E web service. It is currently available as a desktop application. For more information, please visit the official M.A.R.IN.E web page at www.logapps.com/tools/marine.

Are you ready to test-drive M.A.R.IN.E? Contact us to schedule a demo and learn more!

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