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Testing & Software Quality Assurance

Crowdar

Crowdar helps software development teams to **improve quality** of their software products by delivering **testing services** including **Manual, Automation, Stress&Performance and Security Testing** with a team of **remote skilled professionals** using **Agile Methods**

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Software Development Challenges

Digital Transformation

Agile and DevOps methods
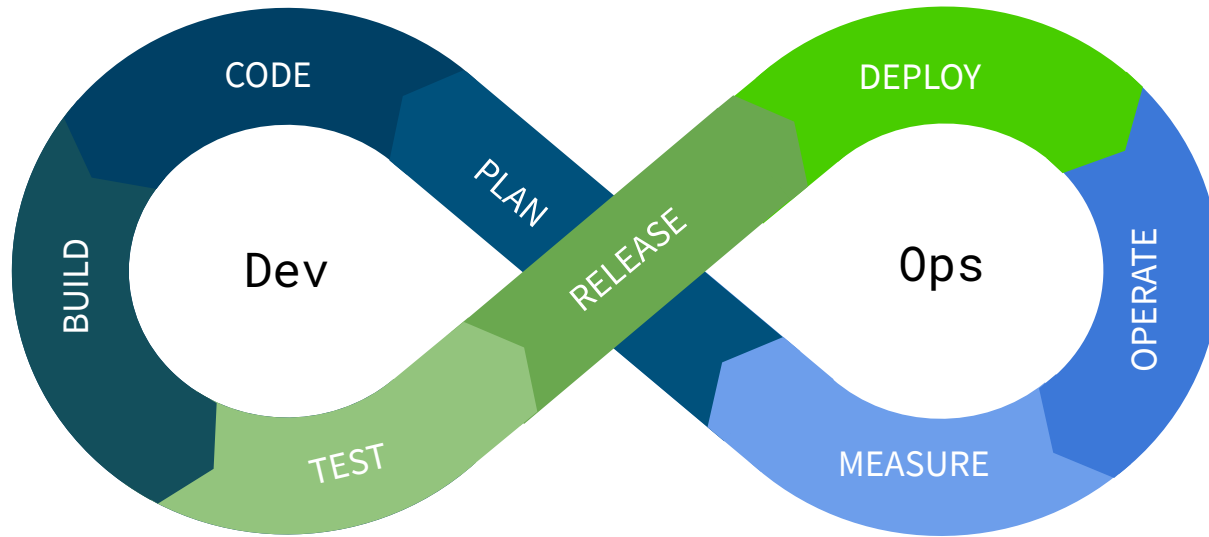
Faster changes

Security is a must
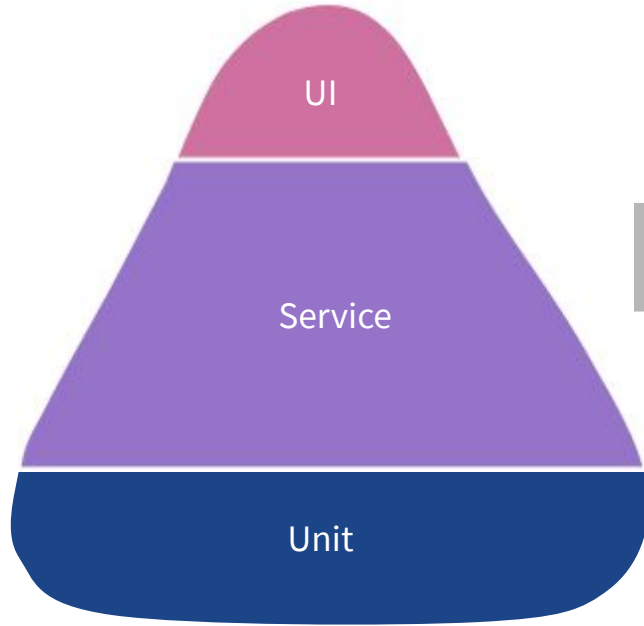
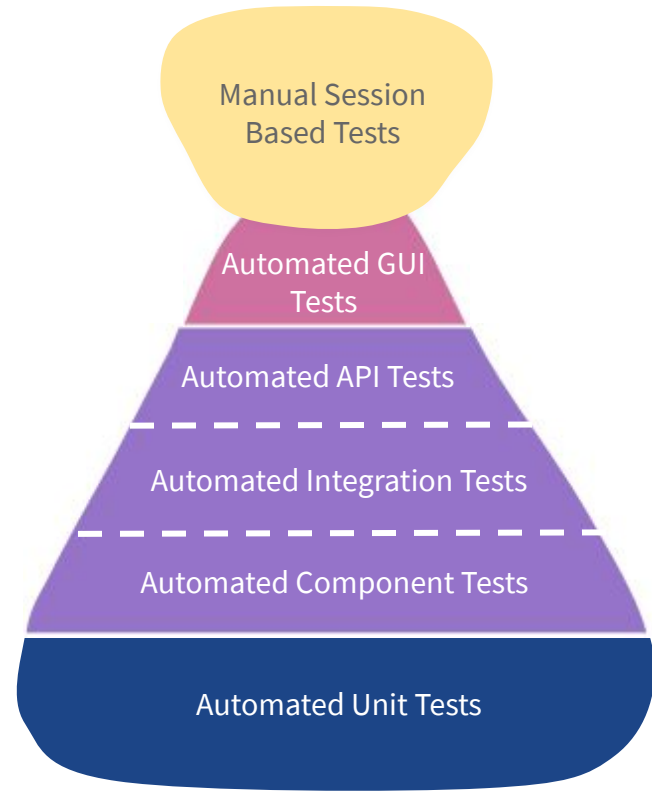Performance matters

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Enabling Testing on DevOps

We enable CI/CD with the implementation of Best Practices like:
Test Automation, Stress&Performance Testing, Security Automated Testing and
Pipelines construction

Enabling CI/CD
Continuous Testing

Services

Test Automation

Test Automation combining from Test Conception to Deploy using **Lippia test Automation** on any platform: Web, Mobile, Desktop.

Manual Testing

Vetted team of professional testers managed with agile methods. Fast team set-up, often in less than 1 week.

UI-UX Testing

We provide UI-UX QA services to ensure excellence in quality of the designs

Security Testing

Automated Penetration tests for Apps and Infrastructure. Static & Dynamic scan for Web and Mobile.

Load, Performance & Stress

Test the limits of your app to reassure that can support the volume of users and transactions you expect before go live.

Coaching/Mentoring

Agile Coaching
Software Quality Mgmt
Development Process
Architecture, CI/CD, DevOps

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What we solve

- Senior testers

- Savings on regression testing

- Faster time to market with Testing Automation

- Focus internal QA resources on new projects

- Launch products to markets with professional quality assurance

Solutions for each customer segment

Corporations
Savings in Testing
Improved Time to Market
- Test Automation
- Manual Testing
- Security Testing
- Performance

Universities
Part and Full-Time Jobs
- Training
- Paid internships
- Aprentiships
- Crowdar Academy

Startups
Quality assurance
Access to Testing at low cost
- Exploratory Test
- Stress Test
- Test Automation

Tools and platforms

We build tools

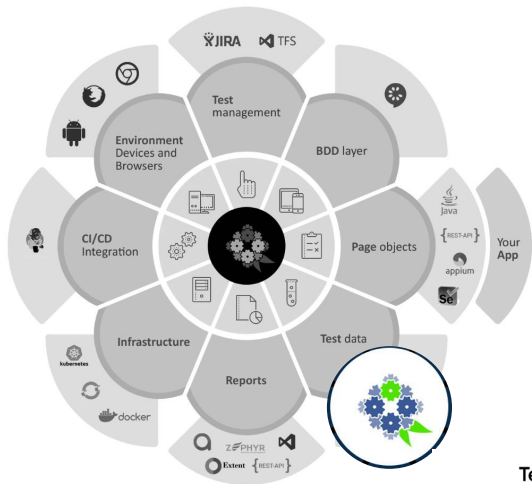## Lippia Test Automation

Lippia Performance
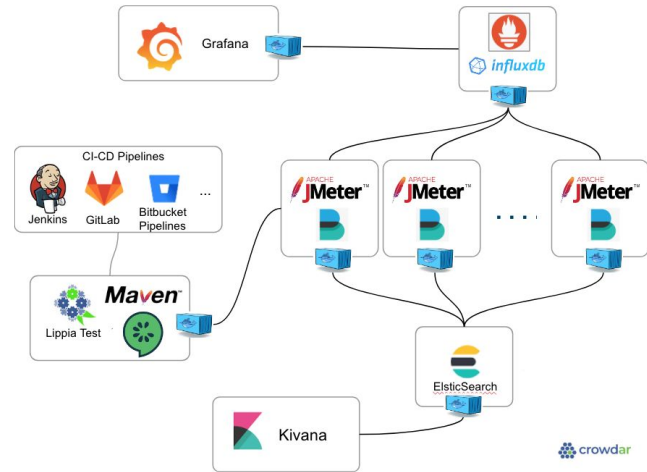
Lippia Report Server Automation

Test Adapters

- Lippia Cucumber 4
- Lippia Cucumber 5
- PyTest
- Ruby
- Newman
- NodeJS
- SpecFlow

Reporters

- Extent single run report
- Klov multi-output report
- Console Pretty
- Jenkins plug-in
- Jira Zephyr
- TestRail
- Microsoft TFS
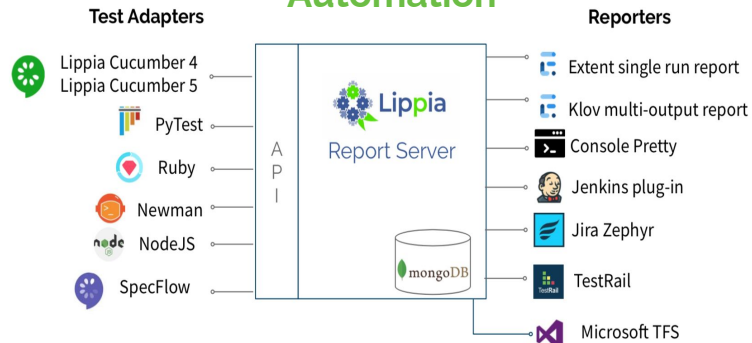
We train the best testers

Crowdar
ACADEMY

Company   **First Job**   Programs   Contact us

Looking for your first job

Crowdar Academy give people the necessary knowledge to perform as QA or Automation Engineer. We train people giving them the necessary tools to afford your lack of resource needs.

Program

We have a theoretical and practical program to perform in each speciality. The class are teached by professional with a wide range of experience working as QA and Automation Engineers at Crowdar.

Full stack

Crowdar Academy graduate can obtain full stack knowledge as QA and Automation Engineer

Final Exam

To be graduated and available to work, the graduate must pass an exam in every speciality. We provide this results with the candidate resume where shows their knowledge

https://crowdar.academy

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Gartner

Market Guide for Crowdsourced Application Testing Services 2015, 2016, 2018

http://www.gartner.com/document/3018219

FORRESTER®

Uncover Unexpected App Insights Through The Crowd 2016

https://www.forrester.com/report/Uncover+Unexpected+App+Insights+Through+The+Crowd/-/E-RES134821

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Customers by segment

Banking / Finance	BANCO COMAFI	SUPERVIELLE	BancoSaenz	gire	rapipago	nubi
Corporate	THOMSON REUTERS		Kimberly-Clark	raet	kapsch >>>	
Energy / Telecom	EDESUR		Claro	bdeo		
Software / Consulting	10 Pines		INTERSERVICES	EXISOFT		
ECommerce	tu-alacena.com		FRÁVEGA	casa del audio	E3 ecommerce	

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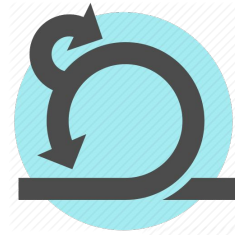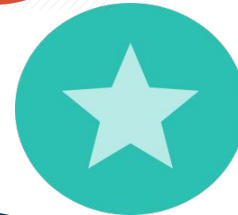
Our strengths

Agile

Senior Team

Corporate experience

Quality

End to End
Testing Services
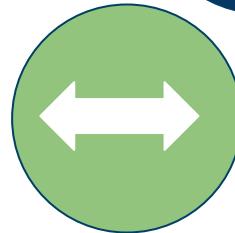
Elastic

Why Crowdar?

- We are committed with Quality in everything we do

- We can set-up a team in <u>days</u> and start delivering

- We are agile by nature, and our team is agile Certified

- We have 100% successful projects track record

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Backup

Detailed Services

Test Automation

The Problem

- Long-lived software products makes regression testing almost imposible to execute on time.
- Quicker changes in products needs faster testing.
- Organizations adopting agile methodologies need to automate their process.
- Time to build a test automation framework usually takes 3-6 monhs.

The Solution

Lippia

- **BDD** to communicate better.
- Integrated devices: Browsers and Android devices
- Orchestration and Data to enable CI/CD.
- 1 Framework → Web, Mobile, API, Windows)
- Based on Containers (Docker)

Benefits

- Develop a smoke test in **< 1 month**.
- **Building block** solution to choose what you need, when you need it.
- **Better ROI** compared to build in-house framework
- Scale form single PC to Server or Cloud

Target

Medium and large companies that needs to automate their development process and product quality.
Companies which are adopting agile and/or devops methodologies.

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Crowsourced Testing

The Problem

- Dedicate existing testing team to new projects
- Bug verification that can take a lot of time
- Staff augmentation

The Solution

- Senior testers managed with agile methods
- Team set-up in 1 week

Benefits

- Fast knowledge transfer
- Skills to test different platforms: Web, Mobile, Windows

Target

Medium and large companies that
dedicate their existing testing teams to new projects

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UI-UX Testing

The Problem

- Big brands have strict Brand Design principles Digital Agencies must follow
- Problems appears when Design is translated into HTML and CSS

The Solution

- Visual Designs validation(Depending on Mockups / Wireframes)
- Images, Videos, Animations checking
- Cross-Browser and Device/Resolutions validation
- Accessibility Testing
- Content Validation (Copy)

Benefits

- Proven implementations before going live
- Quick corrections after go live
- Brand protection for Digital Agency's customers

Target

Digital Agencies and companies that have to stick to brand design guidelines

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Security Testing

The Problem

Manual Penetration Tests are expensive, take time and are prone to error. Need to check security before deployment.

The Solution

Automated Penetration Test Infrastructure Check - OWASP Top 10 PCI App Security - HIPAA App Security CVSS App Security Automated script on web and mobile apps

Benefits

Reduce costs of Pen Testing with a reliable and automated approach Integrate into CI/CD Pipeline

Target

Medium and large companies that need to deploy products verifying security in their apps.
Companies adopting DeveDecOps methodology.

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Load, Performance & Stress

The Problem

- Apps with large mount of transactions and users which needs to perform to avoid hanging up or system outage.

The Solution

- Lippia Performance tool, which provide a set of solutions to check performance in database, hardware, services, etc. Avoiding system outage in advance.

Benefits

- Avoid system outages
- Avoid poor application performance when under load.

Target

Software with heavy traffic on internet like ecommerce.
Software with tight Response time required by contract.

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Coaching / Mentoring

The Problem

- Organization wants to adopt agile methodologies.
- Organization needs to tidy up proccesses to avoid production issues

The Solution

- Agile coaching and mentoring to improve organization process and obtain ROI faster.
- Proof of concept and Lean practices to implement solutions and tools.

Benefits

- Improve process with an outsider who can see with a different point of view, to detect opportunities for continuous improvement.

Target

Companies who want to accelerate the time to market and obtain a faster ROI. Companies which wants to adopt agile or DevOps methodologies.

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