

A woman with short brown hair, wearing a dark blue blazer, is seated at a desk in a modern office. She is looking at a computer monitor and has her hands clasped. On the desk are a keyboard, a mouse, and some papers. In the background, a large white wall is covered with many colorful sticky notes. A man in a light blue shirt is standing and interacting with the wall. Other people are visible in the background, working at desks. The office has large windows and a bright, professional atmosphere.

# Mobile and Web Testing using SOFY

**sOFY** Intelligent Testing, Increased Productivity

# Introduction to SOFY

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## Our Mission

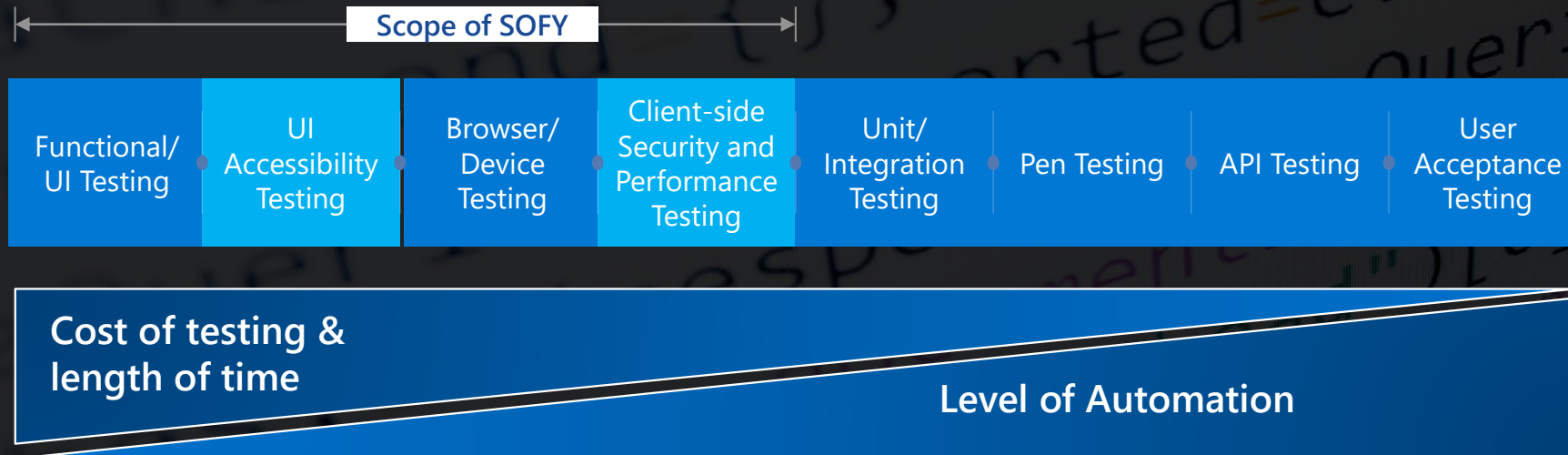
Help customers ship **quality** code faster

Increase Developer and Tester productivity

2

*SOFY is a testing platform for Mobile Apps and Websites that augments manual testing and automates test cases with no coding, powered by patented ML algorithms.*

3



# Today's Testing Methodology



## Manual Testing



## Automated Testing



### Use cases

- Initial/Default testing method
- Minimal upfront investment

- Repeatable scenarios
- Scale Testing
- Regression Testing



### Challenges

- Costly and time consuming
- Lacks Consistency, Traceability
- Not scalable for cross device, OS testing
- Requires training for domain knowledge
- Inefficiency between Development and Testing

- Requires extensive coding, high skillset
- Needs use of multiple tools
- Lacks resiliency to UI changes, device types, dynamic content
- Failure analysis across tools is tedious

# SOFY's Approach to Testing



## Augmented Manual Testing

- **Instantly Configure** your test environment & devices
- **Test and Report** bugs with rich contextual data
- **Discover** insights from manual Test coverage data

A single tool for consistent user experience across manual and automated Testing



## Automated Testing

- **Create/Edit** automated test with NOCODE
- **Run** at scale across devices with no code changes and report bugs
- **Convert** existing manual to automated tests seamlessly

A NOCODE intelligent automation resilient to device form factors, UI changes, dynamic content



## Autonomous Exploratory Testing

- **Navigate** the entire application autonomously
- **Find** visual quality, accessibility, crash and security issues
- **Get recommendations** on fixes to issues

App validation against 100+ different UI, UX and Accessibility guidelines using ML models

# Enabling Scenarios for Remote Mobile App Testing

Remote access to Real Devices

Get rich diagnostic and contextual data with bugs to foster rich collaboration

Use automation to run test cases without worrying about device availability

Move seamlessly between manual and automated testing

Multi-user App Testing scenarios while working remote

Visibility to qualitative Metrics on Tester productivity

Understand Device Coverage for better test planning

# SOFY Pricing

	FREE (14 Day) Trial	SOFY Live	SOFY Automate	SOFY Enterprise
Cost	FREE	\$49/month (\$500/Year)	\$99/month (\$1000/Year)	Custom
# Concurrent Users	1	1	1	Custom
Device Time	60 Minutes	100 Hours/Month	100 Hours/Month	Custom
# Users	1	5	5	Unlimited
OS	Android	Android, IOS	Android, IOS	Android, IOS
Augmented Manual Testing	√	√	√	√
Automated Scenario Testing	√		√	√
Autonomous Exploratory Testing			√	√
SOFY Analytics	√	√	√	√
SOFY Audits	√	√	√	√
SOFY MAP	√	√	√	√
SOFY Web Explore	100 page	3,000	10,000	Custom
CI/CD Integration			√	√
API Access			√	√
Device hours overage		\$0.50c/Hour	\$0.75c/Hour	
Support	Email	8-Hour SLA	8-Hour SLA	4-Hour SLA

# Why SOFY.AI

"No Code" Automation

Support for IOS and  
Android

Augmented Manual  
Testing

Audits and Analysis  
with Actionable  
insights

**500**  
STARTUPS



Our customers



# APPENDIX

```
Microsoft.XMLHTTP"))return  
);respond.update=a;function t(){j(tr  
entListener){e.addEventListener("resiz  
achEvent){e.attachEvent("onresize",t)}  
respond={};respond.update=function(){  
aQueriesSupported=e.matchMedia&&e.matchM  
es;if(respond.ediaQueriesSupported){retu  
t,s=w.documentElement,i=[],k=[],q=[],o  
TagName("head")[0]||s,g=w.getElement  
C,x;for(;B<y;B++){A=D[B],z=rawCssText){m(A.st  
case()==="stylesheet";if  
if((["a-zA-"])[0]===e.med
```

# Challenges in Testing

## Platform

- High cost for acquiring and maintaining mobile devices
- Takes too long to setup devices for testing
- Test automation requires extensive coding and skilled coders

## People

- Lack of visibility into Tester performance (in manual testing)
- Data collection and reporting is very tedious

## Process

- Lack of insights about device usage and Test coverage stats
- Lack of reporting at the end of the release with KPIs

# Dimensions of Testing for Mobile Apps

