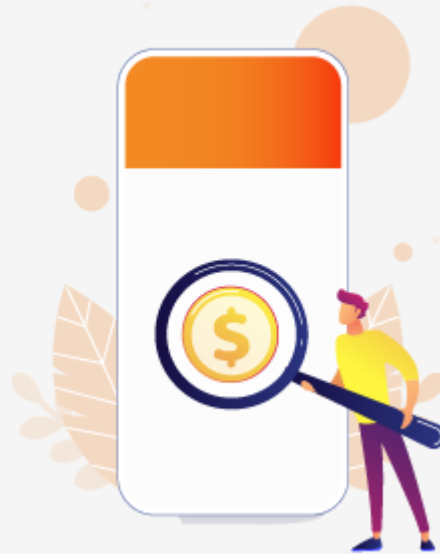# Mobile App Testing Effort Estimation

Greetings from testbytes!

Dear redietwogayehu,

Thank you for using our cost estimation calculator.

Estimation for your requirement is presented in 3 different break-up for better understanding

1) First break-up is based on planning and execution of tests

2) Second is the effort involved in testing various modules of your app

3) Third is the effort estimation of types of testing that is going to be used on your app

Specifications	User Preferences

Domain	E-commerce
Platforms	Android, Ios
No: of Testing Modules	5
Avg: Screens Per Module	20
Total: No of Screens	100
No: of Devices	10
No: of external Interface	3

Default Type of Testing	Functional Testing, Usability Testing, Compatibility Testing
Type of Testing (Opted)	Automation Testing, Security Penetration Testing, Load Performance Testing, Blackbox Testing
Choosen Security Testing Type	Blackbox Testing
How Complex	Simple
No: of Cycles	2
No: of Test Cases	67

Test Execution Effort Breakdown

Test Preparation Effort

38
Test Case/Scenario Preparation Effort (in hrs)

50
Test Preparation Effort (in hrs)

3
Test Environment Setup (in hrs)

9
Test Data Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	7	56	11	0
2	5	31	5	11
Total	12	87	16	11
Total Test Cycle Execution Efforts (in hrs)				126

Compatibility Testing (in hrs) (10 Devices)	26
Total Efforts (in hrs)	**202**

Effort involved in testing various technologies

Technology	Efforts (Hrs.)
Responsive testing	30
Android App	61
iOS App	61
Windows App	0
Other Features	2
Database	2
Webservices	30
Admin Panel	16
Total	**202**

Effort involved in types of testing

■	**Functional Testing**	146
■	**Usability Testing**	30
■	**Compatibility Testing**	26

Default Testing Effort is

202 Hrs

and Cost Range is

$1,111.00 - $1,515.00

USD

* The cost has been generated by our in-house system with 85-95% accuracy.
Variations can happen owing to various factors.

Type of Testing (opted)	Efforts (Hrs.)
Automation Testing	232
Automation Script Effort Script Execution Effort	
176 **56**	
Security Penetration Testing	80
Load Performance Testing	40
Blackbox Testing	40

* Test Scenario for automation is based on the existing ones.So, effort is
excluded from the automation effort calculation.

**Apart from your chosen types of testing, listed below are the
effort involved in other types to ensure that your product is
as robust as it can get.**

If you wish to know why you need them Read [Here](#)

Type of Testing (optional)	Efforts (Hrs.)

Beta Testing	120
Localisation Testing	120
Installation Testing	24
Graybox Testing	40

To ensure maximum stability, security and scalability your app it must go other forms of testing (mentioned at the estimation part). If you wish to opt for other types of testing the estimated cost,effort and timeline would be,

Expected Timeline	Overall Effort	Overall Cost
3 Months	594 hrs	$3,267.00 - $4,455.00 USD

If you have any query regarding the estimation feel free to contact us at

■ ■ ■

✉ www.testbytes.net   📞 +1 929 552 0053

🟢 +918113865000

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