

Mobile App Testing Effort Estimation

Greetings from testbytes!



Dear Muhammad ikram,

Thank you for using our cost estimation calculator.

Estimation for your requirement is presented in 3 different breakup 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	Automotive-industry
Platforms	Android
No: of Testing Modules	10
Avg: Screens Per Module	5
Total: No of Screens	50
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, Localisation Testing, Load Performance Testing, Beta Testing, Installation Testing, Security Penetration Testing, Blackbox Testing, Graybox Testing
Choosen Security Testing Type	Blackbox Testing, Graybox Testing
How Complex	Simple
No: of Cycles	2
No: of Test Cases	40

Test Execution Effort Breakdown

Test Preparation Effort

22Test Case/Scenario
Preparation Effort

(in hrs)

Test Preparation Effort (in hrs) 3

Test Environment Setup (in hrs)

G

Test Data
Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	4	33	7	0
2	3	19	3	7
Total	7	52	10	7

Total Test Cycle Execution Efforts (in hrs)	76
Compatibility Testing (in hrs) (10 Devices)	16
Total Efforts (in hrs)	123

Effort involved in testing various technologies

Technology	Efforts (Hrs.)
Responsive testing	18
Android App	74
iOS App	0
Windows App	0
Other Features	1
Database	1
Webservices	18
Admin Panel	10
Total	123

Effort involved in types of testing		
Functional Testing	89	
Usability Testing	18	
Compatibility Testing	16	

Default Testing Effort is

123 Hrs

and Cost Range is

\$677.00 - \$923.00 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		138
Automation Script Effort	Script Execution Effort	
105	33	
Localisation Testing		120
Load Performance Testing		40
Beta Testing		120
Installation Testing		24
Security Penetration Testing		80
Blackbox Testing		40
Graybox 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.)
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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
4 Months	725 hrs	\$3,988.00 - \$5,438.00 USD

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

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