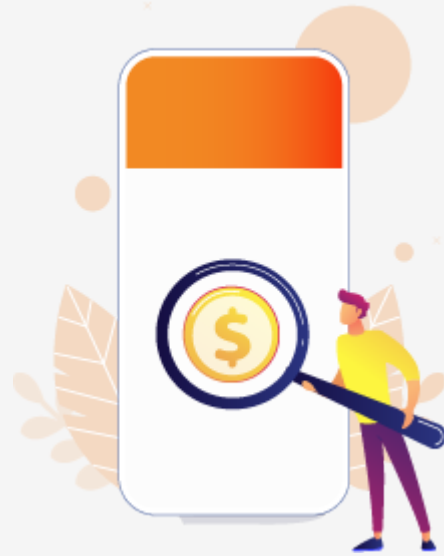# testbytes
Making Quality a Habit

Mobile App Testing Effort Estimation

Greetings from testbytes!

Dear neel,

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	Automotive-industry
Platforms	Ios
No: of Testing Modules	10
Avg: Screens Per Module	10
Total: No of Screens	100
No: of Devices	20
No: of external Interface	5

Default Type of Testing	Functional Testing, Usability Testing, Compatibility Testing
Type of Testing (Opted)	Automation Testing, Installation Testing, Load Performance Testing
How Complex	Medium
No: of Cycles	4
No: of Test Cases	106

Test Execution Effort Breakdown

Test Preparation Effort

59

Test Case/Scenario Preparation Effort (in hrs)

78

Test Preparation Effort (in hrs)

4

Test Environment Setup (in hrs)

15

Test Data Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	12	88	18	0
2	8	49	7	17
3	6	35	5	17
4	4	21	3	17
Total	30	193	33	51

Total Test Cycle Execution Efforts (in hrs)	307
Compatibility Testing (in hrs) (20 Devices)	230
Total Efforts (in hrs)	**615**

Effort involved in **testing various technologies**

Technology	Efforts (Hrs.)
Responsive testing	92
Android App	0
iOS App	369
Windows App	0
Other Features	6
Database	6
Webservices	92
Admin Panel	49
Total	**615**

Effort involved in types of testing

■	**Functional Testing**	293
■	**Usability Testing**	92
■	**Compatibility Testing**	230

Default Testing Effort is

615 Hrs

and Cost Range is

$3,383.00 - $4,613.00

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	455
Automation Script Effort Script Execution Effort	
278 **177**	
Installation Testing	24
Load Performance 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
Security Penetration Testing	80
Graybox Testing	40
Blackbox 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
4 Months	1134 hrs	$6,237.00 - $8,505.00 USD

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

■ ■ ■

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