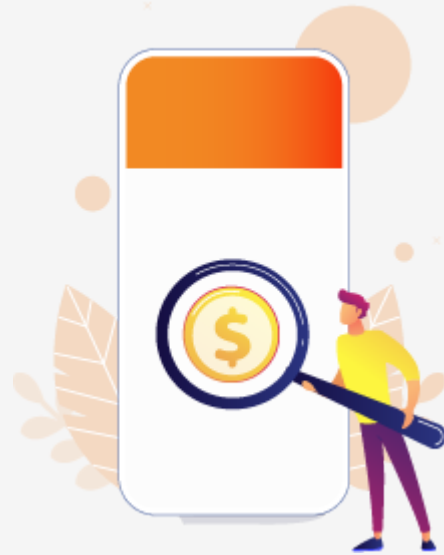# testbytes
Making Quality a Habit

Mobile App Testing Effort Estimation

Greetings from testbytes!

Dear afcs,

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	Healthcare
Platforms	Android, Windows
No: of Screens	15
No: of Devices	10
No: of external Interface	5-10
Default Type of Testing	Functional Testing,Usability Testing,Compatibility Testing
Type of Testing (Opted)	Functional, Testing, compatibility, Testing, security, Penetration, Testing

Choosen Security Testing Type	Graybox Testing
How Complex	Complex
No: of Cycles	3
No: of Test Cases	331

Test Execution Effort Breakdown

Test Preparation Effort

503.00
Test Case/Scenario Preparation Effort (in hrs)

515
Test Preparation Effort (in hrs)

6.00
Test Environment Setup (in hrs)

6.00
Test Data Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	57.00	85.50	41.37	27.58
2	57.00	85.50	20.69	1.15
3	57.00	64.81	20.69	0.57
Total	171.00	236.00	83.00	29.00

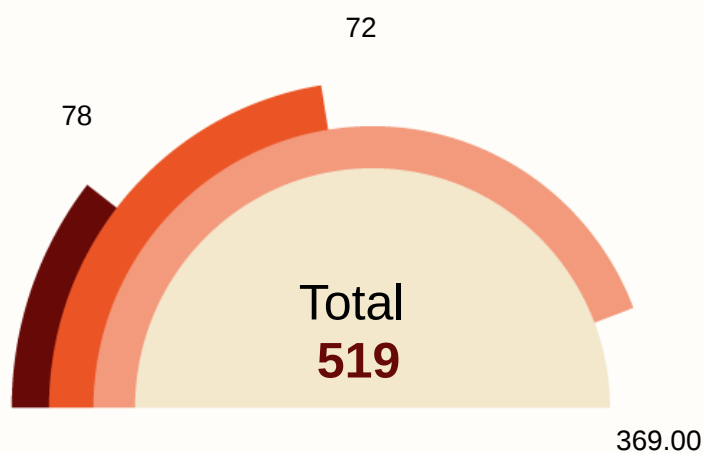|	
Total Test Cycle Execution Efforts (in hrs)	519
Compatibility Testing (in hrs) (10 Devices)	72
Total Efforts (in hrs)	1106

Effort involved in testing various Modules

Modules	Efforts (Hrs.)
Screen Design	78
Android App	311.00
iOS App	0
Other Features	5
Database	5
Webservices	78
Admin Panel	42
Total	519

Effort involved in types of testing

78

72

Total
519

369.00

■	Functional Testing	369.00
■	Usability Testing	78
	Compatibility Testing	

72

TImeline 2.5 Month

Total effort is

519 Hrs

Total amount is

163,386 - 576,096 INR

Type of Testing (opted)	Efforts (Hrs.)
Functional Testing	80
Compatibility Testing	80
Security Penetration Testing	80

Automation Testing

Testcase Scenario	Automation Script Effort	Script Execution Effort
503.00	**784.33**	**24.9**

* 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

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
2.5 Months	903 hrs	225,592 - 977,565 INR

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

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