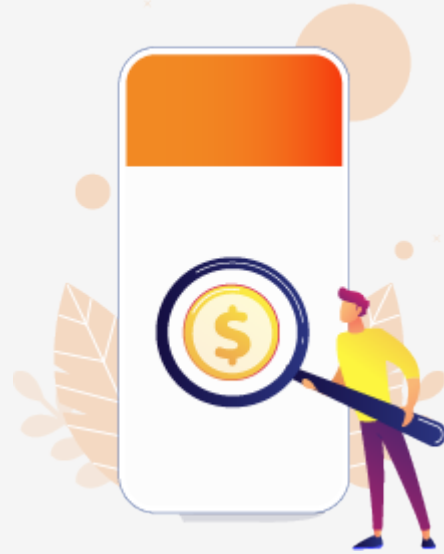# testbytes
Making Quality a Habit

Mobile App Testing Effort Estimation

Greetings from testbytes!

Dear Azhar K,

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
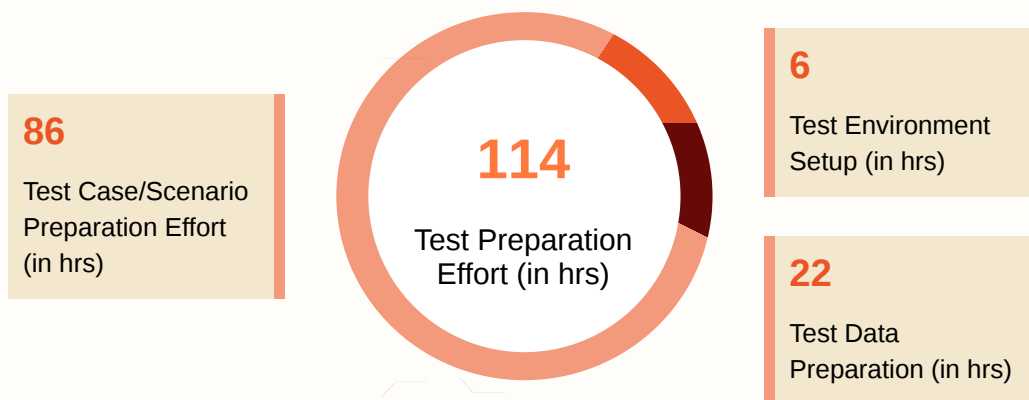
Specifications	User Preferences

Domain	Gps
Platforms	Windows, Ios, Android
No: of Testing Modules	10
Avg: Screens Per Module	10
Total: No of Screens	100
No: of Devices	20
No: of external Interface	10

Default Type of Testing	Functional Testing, Usability Testing, Compatibility Testing
Type of Testing (Opted)	Automation Testing, Localisation Testing, Security Penetration Testing, Graybox Testing
Choosen Security Testing Type	Graybox Testing
How Complex	Complex
No: of Cycles	5
No: of Test Cases	154

Test Execution Effort Breakdown

Test Preparation Effort

86
Test Case/Scenario Preparation Effort (in hrs)

114
Test Preparation Effort (in hrs)

6
Test Environment Setup (in hrs)

22
Test Data Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	17	127	25	0
2	12	71	11	25
3	9	51	8	25
4	5	31	5	25

5	3	20	3	25
Total	46	300	52	100

Total Test Cycle Execution Efforts (in hrs)	498
Compatibility Testing (in hrs) (20 Devices)	260
Total Efforts (in hrs)	**872**

Effort involved in **testing various technologies**

Technology	Efforts (Hrs.)
Responsive testing	131
Android App	174
iOS App	174
Windows App	174
Other Features	9
Database	9
Webservices	131
Admin Panel	70
Total	**872**

Effort involved in types of testing

Functional Testing   481

■ **Usability Testing**	131
■ **Compatibility Testing**	260

TImeline 5 Month

Default Testing Effort is

872 Hrs

and Cost Range is

$4,796.00 - $6,540.00

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	661
Automation Script Effort **Script Execution Effort**	
404 **257**	
Localisation Testing	120
Security Penetration Testing	80
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.)
Load Performance Testing	40
Beta Testing	120
Installation Testing	24
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
5 Months	1773 hrs	$9,752.00 - $13,298.00 USD

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

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