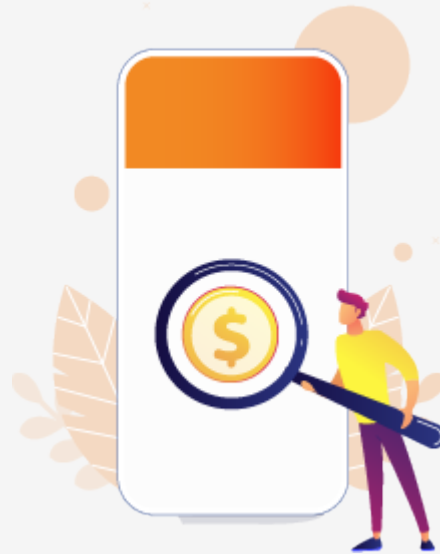# testbytes
Making Quality a Habit

Mobile App Testing Effort Estimation

Greetings from **testbytes!**

Dear Shoeb,

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
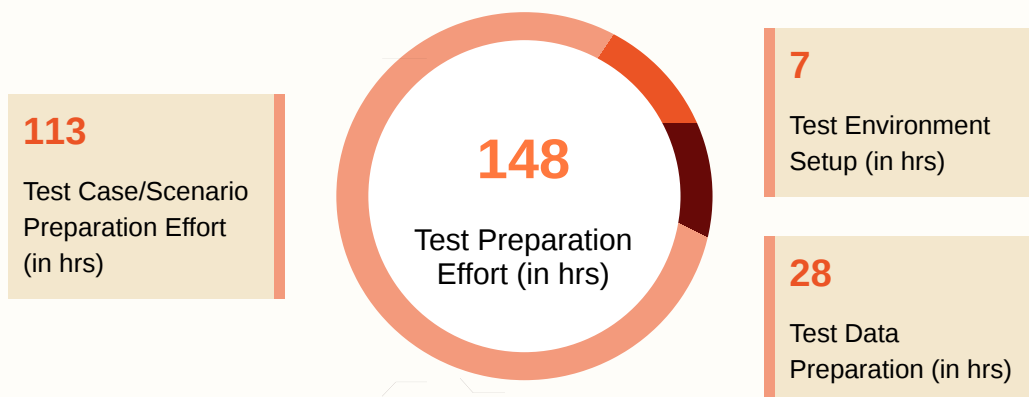
Specifications	User Preferences

Domain	Telecom
Platforms	Android
No: of Testing Modules	10
Avg: Screens Per Module	10
Total: No of Screens	100
No: of Devices	20
No: of external Interface	11

Default Type of Testing	Functional Testing, Usability Testing, Compatibility Testing
Type of Testing (Opted)	Automation Testing, Beta Testing, Load Performance Testing, Localisation Testing, Security Penetration Testing, Graybox Testing
Choosen Security Testing Type	Graybox Testing
How Complex	Very Complex
No: of Cycles	5
No: of Test Cases	201

Test Execution Effort Breakdown

Test Preparation Effort

148
Test Preparation Effort (in hrs)

113
Test Case/Scenario Preparation Effort (in hrs)

7
Test Environment Setup (in hrs)

28
Test Data Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	22	166	33	0
2	16	93	14	33
3	11	67	10	33
4	7	40	6	33

	5	4	26	4	33
Total	60	392	67	132

Total Test Cycle Execution Efforts (in hrs)	651

Compatibility Testing (in hrs) (20 Devices)	340

Total Efforts (in hrs)	1139

Effort involved in **testing various technologies**

Technology	Efforts (Hrs.)
Responsive testing	171
Android App	683
iOS App	0
Windows App	0
Other Features	11
Database	11
Webservices	171
Admin Panel	91
Total	1139

Effort involved in types of testing

Functional Testing	628

🟥	**Usability Testing**	171
🟧	**Compatibility Testing**	340

TImeline 5 Month

Default Testing Effort is

1139 Hrs

and Cost Range is

$6,265.00 - $8,543.00

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	863
Automation Script Effort Script Execution Effort	
528 **335**	
Beta Testing	120
Load Performance Testing	40
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.)
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	2402 hrs	$13,211.00 - $18,015.00 USD

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

■ ■ ■

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