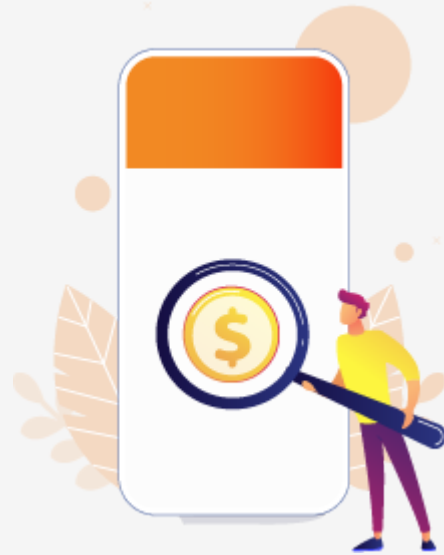# testbytes
Making Quality a Habit

Mobile App Testing Effort Estimation

Greetings from testbytes!

Dear Aaroh,

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	
Platforms	Android, Ios
No: of Testing Modules	15
Avg: Screens Per Module	30
Total: No of Screens	450
No: of Devices	40
No: of external Interface	3
Default Type of Testing	Functional Testing, Usability Testing,

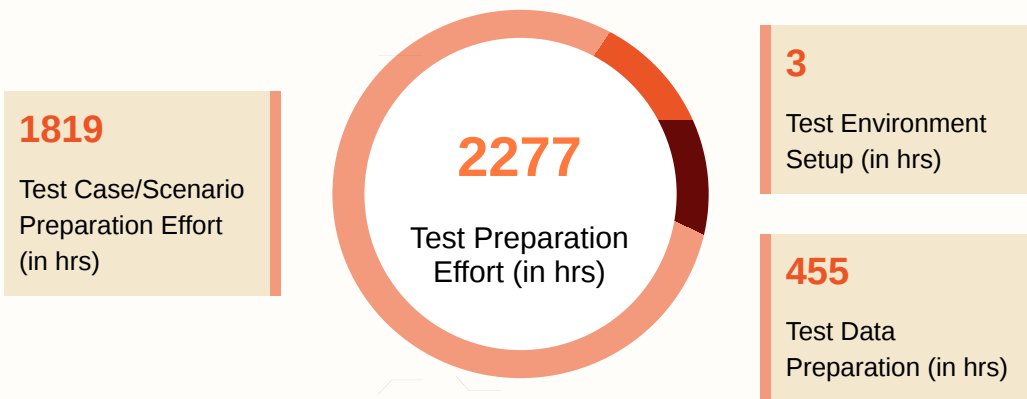|	
	Compatibility Testing
Type of Testing (Opted)	Localisation Testing, Automation Testing, Load Performance Testing, Beta Testing, Installation Testing, Security Penetration Testing, Blackbox Testing, Graybox Testing
Choosen Security Testing Type	Blackbox Testing, Graybox Testing
How Complex	Simple
No: of Cycles	3
No: of Test Cases	3248

Test Execution Effort Breakdown

Test Preparation Effort

1819

Test Case/Scenario Preparation Effort (in hrs)

2277

Test Preparation Effort (in hrs)

3

Test Environment Setup (in hrs)

455

Test Data Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	357	2680	536	0
2	250	1501	225	525
3	179	1072	161	525
Total	786	5253	922	1050

Total Test Cycle Execution Efforts (in hrs)	8011
Compatibility Testing (in hrs) (40 Devices)	29070
Total Efforts (in hrs)	**39358**

Effort involved in testing various technologies

Technology	Efforts (Hrs.)
Responsive testing	5904
Android App	11807
iOS App	11807
Windows App	0
Other Features	394
Database	394
Webservices	5904
Admin Panel	3149
Total	**39358**

Effort involved in types of testing

■	**Functional Testing**	4384
■	**Usability Testing**	5904
■	**Compatibility Testing**	29070

Default Testing Effort is

39358 Hrs

and Cost Range is

24,520,132.00 - 44,136,238.00 INR

* 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.)
Localisation Testing	120
Automation Testing	19353
Automation Script Effort Script Execution Effort	
8526 **10827**	
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.)

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	59175 hrs	36,866,173.00 - 66,359,111.00 INR

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

. . .

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