testbytes
Making Quality a Habit

Mobile App Testing Effort Estimation

Greetings from **testbytes!**

Dear Bhuvana,

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
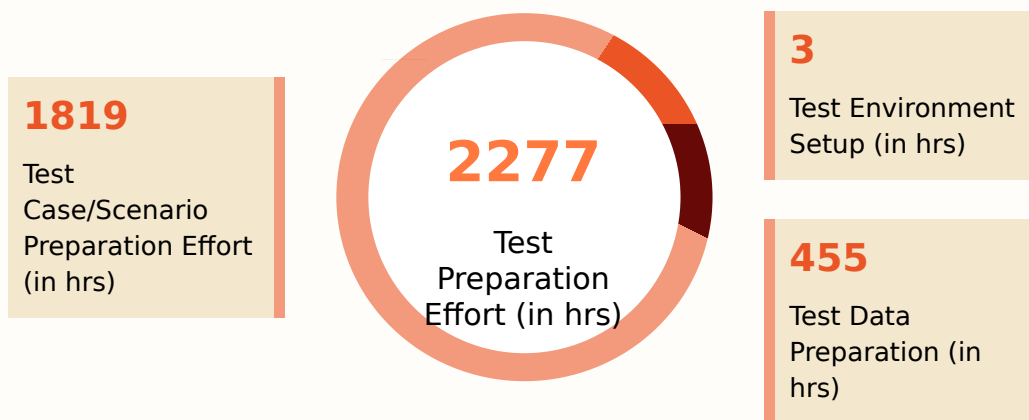
Specifications	User Preferences

Domain	Automotive-industry
Platforms	Windows
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)	Automation Testing, Localisation Testing, Load Performance Testing, Beta Testing, Security Penetration Testing, Installation Testing, Blackbox Testing, Graybox Testing
Choosen Security Testing Type	Blackbox Testing, Graybox Testing
How Complex	Simple
No: of Cycles	5
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

4	107	643	96	525
5	72	429	64	525
Total	965	6325	1082	2100

Total Test Cycle Execution Efforts (in hrs)	10472
Compatibility Testing (in hrs) (40 Devices)	16350
Total Efforts (in hrs)	**29099**

Effort involved in testing various technologies

Technology	Efforts (Hrs.)
Responsive testing	4365
Android App	0
iOS App	0
Windows App	17459
Other Features	291
Database	291
Webservices	4365
Admin Panel	2328
Total	29099

Effort involved in types of testing

■ **Functional Testing**	8384
■ **Usability Testing**	4365
■ **Compatibility Testing**	16350

TImeline 5 Month

Default Testing Effort is

29099 Hrs

and Cost Range is

₹18,065,678.00 - ₹32,518,220.00 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.)
Automation Testing		19353
Automation Script Effort	Script Execution Effort	
8526	**10827**	
Localisation Testing		120
Load Performance Testing		40
Beta Testing		120
Security Penetration Testing		80

Installation Testing	24
Blackbox Testing	40
Graybox Testing	40

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	48916 hrs	₹30,368,765.00 - ₹54,663,777.00 INR

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

■ ■ ■

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