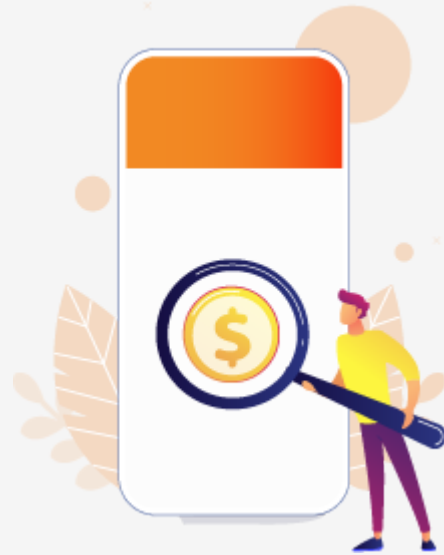# Mobile App Testing Effort Estimation

Greetings from testbytes!

Dear abdul rehman ,

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	Windows
No: of Testing Modules	5
Avg: Screens Per Module	5
Total: No of Screens	25
No: of Devices	10
No: of external Interface	3
Default Type of Testing	Functional Testing, Usability Testing,

Compatibility Testing

Type of Testing (Opted)	Automation Testing
How Complex	Simple
No: of Cycles	2
No: of Test Cases	120

Test Execution Effort Breakdown

Test Preparation Effort

67

Test Case/Scenario Preparation Effort (in hrs)

87

Test Preparation Effort (in hrs)

3

Test Environment Setup (in hrs)

17

Test Data Preparation (in hrs)

Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	13	99	20	0
2	9	55	8	19
Total	22	154	28	19
Total Test Cycle Execution Efforts (in hrs)				223
Compatibility Testing (in hrs) (10 Devices)				46
Total Efforts (in hrs)				356

Effort involved in **testing various technologies**

Technology	Efforts (Hrs.)
Responsive testing	53
Android App	0
iOS App	0
Windows App	214
Other Features	4
Database	4
Webservices	53
Admin Panel	28
Total	356

Effort involved in types of testing

	Testing Type	Value
	Functional Testing	257
	Usability Testing	53
	Compatibility Testing	46

TImeline 4 Month

Default Testing Effort is

356 Hrs

and Cost Range is

PKR 745,411.00 - PKR 1,341,739.00 PKR

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	415

Automation Script Effort	Script Execution Effort
315	**100**

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
Localisation Testing	120
Installation Testing	24
Security Penetration Testing	80
Graybox Testing	40
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
4 Months	771 hrs	PKR 1,614,358.00 - PKR 2,905,845.00 PKR

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

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