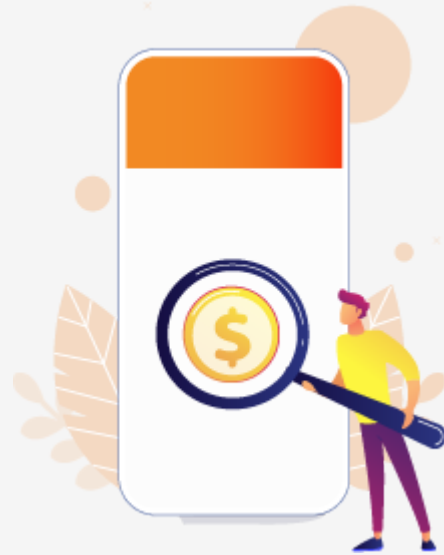


Mobile App Testing Effort Estimation

Greetings from **testbytes!**



Dear muhammad tayyab,

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	Android, ios, Windows
No: of Testing Modules	10
Avg: Screens Per Module	10
Total: No of Screens	100
No: of Devices	20
No: of external Interface	5
Default Type of Testing	Functional Testing, Usability Testing,

Type of Testing (Opted) Localisation Testing, Automation Testing, Beta Testing, Load Performance Testing, Installation Testing, Security Penetration Testing, Blackbox Testing, Graybox Testing

Chosen Security Testing Type Blackbox Testing, Graybox Testing

How Complex	Medium
No: of Cycles	3
No: of Test Cases	1102

Test Execution Effort Breakdown

Test Preparation Effort



Test Execution Effort

Cycles	Test Preparation	Test Execution	Defect Reporting	Retesting (if testcase failed)
1	121	909	182	0
2	85	509	76	178
3	61	364	55	178
Total	267	1782	313	356

Total Test Cycle Execution Efforts (in hrs) 2718




Compatibility Testing (in hrs) (20 Devices) 3290

Total Efforts (in hrs) 6783

Effort involved in testing various technologies

Technology	Efforts (Hrs.)
Responsive testing	1017
Android App	1357
iOS App	1357
Windows App	1357
Other Features	68
Database	68
Webservices	1017
Admin Panel	543
Total	6783

Effort involved in types of testing

 Functional Testing	2476
 Usability Testing	1017
 Compatibility Testing	3290

Default Testing Effort is

6783 Hrs

and Cost Range is

**PKR 14,232,442.00 -
PKR 25,618,395.00** 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.)
Localisation Testing	120
Automation Testing	4730
Automation Script Effort	Script Execution Effort
2893	1837
Beta Testing	120
Load Performance Testing	40
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.)
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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	11977 hrs	PKR 25,130,761.00 - PKR 45,235,370.00 PKR

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



www.testbytes.net



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