

Functional tests:

- Validate fields. Validations include mandatory checking, character checking, length check and error messages.
- Check interaction between different modules of the application.
- Check the app in flight mode and silent mode.
- Check the operation of the app when the phone is locked and unlocked.
- Check the operation of the app when receiving any phone call and/or message SMS.
- Check the scrolling functionality of the app.
- Check the process of installing and uninstalling the app.
- Check the app update process if a new update is available.

Usability tests:

- Check the navigation between the different modules of the application, i.e. whether the user can navigate between the different screens in the desired manner.
- Check that the entire app has a uniform and eye-catching colour scheme.
- Check that the entire application has a uniform font size.
- Check that buttons and icons are the same size in each module.
- Check that the text of buttons and other input/output fields is appropriate to the functionality of the button/field.
- Check that the text of error messages is user-friendly (in an understandable and not too sharp) and uniform for all fields.
- Check that the positions of drop-down fields are legible.

Compatibility testing:

- Check that the app is compatible with different platforms/devices, operating systems, browsers.
- Check that the app is compatible with different screen sizes, resolutions.
- Check the functionality of the app across different networks and network providers.

Performance testing:

- Check app performance when the device is charging.
- Check app performance when the battery is low.
- Check app performance when the battery is fully charged.
- Check app performance when multiple users are logged in at the same time.
- Check the performance of the app when the internet connection is constantly changing.
- Check the application performance when the user tries to click multiple buttons/icons simultaneously.
- Check the operation of the application when the user is in a moving state, i.e. in a vehicle or walking on foot.
- Check the start-up time of the app.

Safety testing:

- Check that the application has appropriate rules and mechanisms for user authentication on the platform.
- Check that the application has strong password policies. (This is especially true for banking and financial, social media or email).
- Check that the application has an adequate mechanism in place to recover forgotten passwords.
- Check that deactivated users and users entering old passwords cannot log in.
- Check that confidential user data is not accessible to other users on the platform.
- Check that sensitive data, such as payment information and passwords, are stored and displayed in an encrypted format.

Location testing:

- Check whether the UI works as specified despite a language change?
- Check that the time and date are displayed according to the region's settings?
- Check whether keyboard shortcuts work after a language change?
- Check if the user interface supports multiple keyboards according to the region?
- Check that currency symbols and numbers are formatted correctly?