

Inspection Review Checklist

Completed by Jesse, for Suyi

Sample code from file: CacheListViewAdapter.java

General

1. ☒ Does the code work? – Yes, code works
2. ☒ Is it easy to understand? -Yes, easy to understand
3. ☒ Does it follow conventions? -Yes, follows our conventions
4. ☒ Is there duplicate code? – No duplicated code
5. ☒ Can global variables be replaced? -No global variables
6. ☒ Is there commented out code? – No commented-out code
7. ☒ Do loops have a set length or defined exit conditions? – No loops
8. ☒ Do the names explain their purpose? – All variable names explain their purpose

Performance

1. ☒ Can it be refactored to be more efficient? – Cannot be made more efficient
2. ☒ Can it be replaced by a library? – No, must be implemented like so
3. ☒ Can logging/debugging stuff be removed? – No login or debugging code to remove
4. ☒ Does it suspend resource intensive processes if the application is minimized/loses focus? – Not applicable

Security

1. ☒ Data inputs checked and encoded? – Makes appropriate null checks
2. ☒ Are returning errors being caught? – Does not return any errors
3. ☒ Are output values checked and encoded? – Does not output values
4. ☒ Are invalid parameter values handled? – Not required
5. ☒ Are Android Permission properly checked if required? – Not applicable

Documentation

1. ☒ Do comments exist to explain the intent without being too obvious? – Comments are used where appropriate
2. ☐ Are all functions commented? – All functions commented, missing some parameter descriptions
3. ☒ Are edge cases checked? -Edge cases are checked
4. ☒ Is the use of third-party libraries documented? – Not applicable
5. ☒ Are units of measure explained? – Not applicable
6. ☒ Is the code missing features marked with TODO? – No TODO's

Testing

1. ☒ Is the code testable? – Can by system tested
2. ☒ Do comprehensive tests exist? – Application system tests

3. ☒ Do the tests properly test the code? – Yes, they properly test the code
4. ☒ Could test code be replaced with an existing API? – Not applicable