

React Native Crash Reporting

Evaluation of the following React Native Crash Reporting services

- BugSnag
- Crashlytics
- HockeyApp
- New Relic

Functional Requirements:

Priority	Requirement	Bug Snag	Crashlytics	HockeyApp	New Relic
P0	Ability to configure the end point to which crash data is sent	YES	YES	YES	YES
P0	Client based on open-source standards, hence able to switch solutions with minimal impact on offerings	YES	NO	YES	NO
	Ability to capture crash data from				
		YES			
P0	Java	YES	YES	YES	YES
P0	Swift	YES	YES	YES	YES
P1	Objective C	YES	YES	YES	YES
P0	React Native	YES	YES(third-party library.Android works fine. iOS unstable)	YES(Android works fine. ios is unstable, getting setup issue)	NO(Library is at initial stage)
P0	Ability to capture promise rejections (Java script)	YES	YES	YES	NO
P0	Ability to capture crash data such as the exception message, stack trace, inner exception, etc.	YES	YES	YES	YES
P0	Ability to capture thread states	YES	YES	YES	YES
P0	Ability to capture caught and uncaught exceptions	YES	YES	Partial(Uncaught only)	Partial(Uncaught only)
P0	Ability to store crash data from multiple crashes on a device if the device is offline and send this data at a later point of time	YES	YES	YES	YES
P0	Low device footprint	YES	YES	YES(No guarantee)	NO
P1	Ability to separate production and pre-prod crashes	YES	YES	YES	YES
P1	Ability to send custom data in the crash data	YES	YES	YES	YES
P1	Support/integration with Microsoft Code push	YES	NO	YES	NO
P2	Ability to inform users about a crash fix via a push notification, a notification item or a pop-up	NO	NO	YES(On next launch after crash, new version is available can be shown)	NO

	Ability to retrieve				
P1	deviceID	YES	YES	YES	YES
P1	application version	YES	YES	YES	YES
P1	OS version	YES	YES	YES	YES
P2	RAM storage	YES	YES	NO	NO
P2	Disk storage	YES	YES	NO	YES
P2	battery info	YES(Battery level is indicated as 1 or -1)	NO	NO	NO
P2	data connectivity		NO	NO	YES
P2	sensor		YES	NO	NO
		NO			
		NO			