	manual development	Kinetise	IBM MobileFirst	IBM Bluemix Mobile (Mobile App Builder)	buildup.io	Kony Visualiser	Salesforce force.com	Salesforce Lightning App Builder	Microsoft PowerApps	Adobe Experience Manager Mobile	SAP Mobile Platform	OutSystems 10	Progress Telerik Platform	Mendix for Mobil	l Appcelerator	Embarcadero RAD Studio	Alpha Anywhere
Supported mobile platforms	separate code for every platform	iOS, Android	iOS, Android, Windows Phone 8, Windows 10, Blackberry 6,7,10	iOS, Android	iOS, Android	iOS, WatchOS, Android, Windows Phone 8, Windows 10, Blackberry 10	iOS, Android, web browser	iOS, Android, Windows 10, web browser	iOS, Android, web browser	iOS, Android, Windows 8.1 and 10, web browser	iOS, Android, Windows 8 and 10	iOS, Android	iOS, Android, Windows Phone 8	iOS, Android, Windows Phone 8	iOS, Android, Windows Phone 8.1, Windows 10	iOS, Android, Windows 7, Windows 8, Windows 10, OSX	iOS, Android, Windows Phone 8, web browser
Apps launched standalone vs within dedicated launcher app	standalone	standalone	standalone	standalone	standalone	standalone	standalone or within Salesforce 1 app	within Salesforce 1 app	within PowerApps app	standalone	standalone	standalone	standalone	standalone or within Mendix Developer app	standalone	standalone	standalone
Native vs hybrid app	native	native	native or hybrid	native	native	native or hybrid	native or hybrid	native	native	native or hybrid	native or hybrid	native	native or hybrid	hybrid	native	native	hybrid
Native source code of apps available	yes	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no
Solution-specific source code of apps available	n/a	no	yes	no	no	yes	yes	no	no	no	yes	yes	yes	yes	yes	yes	yes
Online editor vs desktop editor	desktop editor	online editor	desktop editor	online editor	online editor	desktop editor	desktop editor	online editor	online editor or desktop editor	online editor	desktop editor	desktop editor	online editor	desktop editor	desktop editor	desktop editor	desktop editor
Connecting to external services to retrieve and send data	with coding	no coding	with coding	no coding	no coding	no coding	no coding	Salesforce only, other services with coding or using a 3rd party widget	no coding	with coding	with coding	no coding	no coding	no coding	no coding	with coding	no coding
Dynamically parametrizing calls to external services	with coding	no coding	with coding	not possible	not possible	no coding	with coding	with coding or 3rd party widget	no coding	with coding	with coding	no coding	with coding	no coding	no coding	with coding	no coding
Storing data in cloud databases	with coding	no coding	with coding	no coding	no coding	no coding	with coding	no coding	no coding	no coding	with coding	no coding	no coding	no coding	with coding	with coding	no coding
Storing data on the device	with coding	no coding	with coding	no coding	no coding	no coding	with coding	no coding	not possible	no coding	with coding	no coding	with coding	no coding	with coding	with coding	no coding
Styling every object in the app	with coding	no coding	with coding	no coding	no coding	no coding	with coding	with coding	no coding	with Adobe InDesign or HTML	with coding	with coding (CSS)	with coding	no coding	no coding	no coding	no coding
Displaying lists with detail screens	with coding	no coding	with coding	no coding	no coding	no coding	with coding	no coding	no coding	no coding	with coding	no coding	no coding	no coding	with coding	with coding	no coding
Filtering lists	with coding	with coding	with coding	no coding	no coding	with coding	with coding	no coding	no coding	not possible	with coding	no coding	with coding	no coding	with coding	with coding	no coding
Sorting lists	with coding	with coding	with coding	no coding	no coding	with coding	with coding	with coding or 3rd party widget	no coding	not possible	with coding	no coding	with coding	no coding	with coding	with coding	no coding
In-app search	with coding	no coding	with coding	no coding	no coding	with coding	with coding	no coding (searches in all of Salesforce 1 app)	no coding	no coding	with coding	no coding	with coding	no coding	with coding	with coding	no coding
Playing audio tracks	with coding	not possible	with coding	not possible	not possible	with coding	with coding	with coding or 3rd party widget	no coding	no coding	with coding	with coding or 3rd party widget	with coding	with coding or 3rd party widget	with coding	with coding	no coding
Playing videos	with coding	no coding	with coding	not possible	not possible	no coding	with coding	with coding or 3rd party widget	no coding	no coding	with coding	no coding	with coding	with coding or 3rd party widget	with coding	with coding	no coding
Displaying charts	with coding	no coding	with coding	no coding	no coding	no coding	with coding	no coding	no coding	with coding or 3rd party widget	with coding	no coding	with coding	no coding	with coding	with coding	no coding
Displaying maps	with coding	no coding	with coding	no coding	no coding	no coding	with coding	with coding or 3rd party widget	not possible	with coding or 3rd party widget	with coding	with coding or 3rd party widget	with coding	no coding	with coding	with coding	no coding

Mobile application management	unavailable	unavailable	available	available	unavailable	available	available	available	available	available	available	available	available	available	available	unavailable	unavailable
App stores publication Mobile application	possible	possible	possible	possible	possible	possible	possible	launcher app in app stores	in app stores	possible	possible	possible	possible	possible	possible	possible	possible
Backend deployable on premises	unavailable	unavailable	available	available	unavailable	available	unavailable	unavailable	available	available	available	available	available	available	available	(Kinvey or Parse)	available
Cloud backend	unavailable	available	available	available	available	available	available	available	available	available	available	available	available	available	available	available (Kinvey or Parse) available	available
App usage analytics	unavailable	no coding	no coding	no coding	unavailable	no coding	unavailable	unavailable	unavailable	no coding	with coding	no coding	no coding	unavailable	no coding	no coding	with coding
Localization of apps	with coding	no coding	with coding	not possible	not possible	no coding	with coding	no coding	no coding	no coding	with coding	no coding	with coding	no coding	with coding	with coding	no coding
application flow Defining logic	with coding	with coding	with coding	not possible	not possible	with coding	with coding	not possible	no coding	not possible	with coding	no coding	with coding	no coding	with coding	with coding	with coding
widgets Dynamically structuring	with coding	no coding	with coding	not possible	not possible	no coding	with coding	not possible	no coding	not possible	with coding	no coding	with coding	no coding	with coding	with coding	with coding
In-app purchases Adding third-party	n/a	not possible	not possible	not possible	·	no coding	no coding	no coding	not possible	with coding	with coding (SAP Fiori apps)	3rd party widget no coding	with coding	3rd party widget no coding	with coding	with coding	not possible
Processing mobile payments	with coding	no coding not possible	with coding	not possible	not possible	with coding	with coding	3rd party widget	not possible	3rd party widget	with coding	3rd party widget with coding or	with coding	3rd party widget with coding or	with coding	with coding	with coding
Push notifications	with coding	no coding	with coding	no coding	no coding	with coding	with coding	with coding or	not possible	no coding with coding or	with coding	3rd party widget with coding or	with coding	no coding with coding or	with coding	with coding	with coding
user roles	with coding	no coding	with coding	not possible	not possible	with coding	with coding	no coding	no coding	no coding	with coding	no coding with coding or	no coding	no coding	with coding	with coding	no coding
Social authentication Supporting multiple	with coding	no coding	with coding	not possible	not possible	with coding	with coding	not possible	not possible	no coding	with coding	3rd party widget	with coding	3rd party widget	with coding	with coding	no coding
Authenticating users	Ū		0				with coding				Ū	with coding or		with coding or			
Sharing content to social media	with coding	no coding	with coding	no coding	no coding	with coding	with coding	Salesforce Chatter only no coding	no coding	no coding	with coding	with coding or 3rd party widget	with coding	with coding or 3rd party widget no coding	with coding	with coding	with coding
Scanning barcodes	with coding	no coding	with coding	not possible	not possible	with coding	with coding	with coding or 3rd party widget	no coding	with coding or 3rd party widget	with coding	with coding or 3rd party widget	with coding	no coding	with coding	with coding	with coding
Scanning QR-codes	with coding	no coding	with coding	not possible	not possible	with coding	with coding	with coding or 3rd party widget	not possible	with coding or 3rd party widget	with coding	with coding or 3rd party widget	with coding	with coding or 3rd party widget	with coding	with coding	with coding
Recording sound	with coding	not possible	with coding	not possible	not possible	no coding	with coding	with coding or 3rd party widget	v	no coding	with coding	with coding or 3rd party widget	with coding	with coding or 3rd party widget	with coding	with coding	no coding
Recording video	with coding	not possible	with coding	not possible	not possible	no coding	with coding	with coding or 3rd party widget	not possible	no coding	with coding	no coding	with coding	with coding or 3rd party widget	with coding	with coding	no coding
Taking photos	with coding	no coding	with coding	no coding	no coding	no coding	with coding	widget no coding	no coding	AEM Forms) no coding	with coding	no coding	with coding	no coding	with coding	with coding	no coding
Taking digital signatures in forms	with coding	no coding	with coding	not possible	not possible	no coding	with coding	with coding or 3rd party	no coding	not possible (separate app	with coding	with coding or 3rd party widget	with coding	with coding or 3rd party widget	with coding	with coding	no coding
Customizable forms	with coding	no coding	with coding	no coding	not possible	no coding	with coding	with coding	no coding	not possible (separate app AEM Forms)	with coding	no coding	no coding	no coding	with coding	with coding	no coding
Gathering data via forms	with coding	no coding	with coding	no coding	no coding	no coding	with coding	no coding	no coding	not possible (separate app AEM Forms)	with coding	no coding	with coding	no coding	with coding	with coding	no coding
GPS position tracking	with coding	no coding	with coding	no coding	no coding	no coding	with coding	with coding or 3rd party widget	not possible	v	with coding	with coding or 3rd party widget	with coding	no coding	with coding	with coding	with coding