

Initial Keywords with synonyms:

KWs	Synonyms
User experience	User experience, User interface, Interaction design
Aspects and Attributes	Aspects, Principles, Factors, Dimensions, Attributes
Measurements and methods	Measurements, Methods, Metrics, Assessments, Measures, Techniques, Approaches, Evaluations
Mobile applications	Mobile applications, Mobile apps

The initial search strings:

Initial Search string
<p><u>First:</u> ("user experience" OR UX) AND (Aspect* OR Principle* OR Factor* OR Dimension* OR Element* OR Indicator* OR Attribute* OR Feature* OR Characteristic*) AND (Metric* OR Assessment* OR Measure*) AND (Method* OR Instrument* OR technique* OR procedure* OR approach*) AND ("Mobile application" OR "Mobile applications" OR "Mobile app" OR "Mobile apps")</p> <p><u>Second:</u> ("user experience" OR UX) AND (Aspect* OR Principle* OR Factor* OR Dimension* OR Element* OR Indicator* OR Attribute* OR Feature* OR Characteristic*) AND (Metric* OR Assessment* OR Measure*) AND (Method* OR Instrument* OR technique* OR procedure* OR approach*) AND ("Mobile application*" OR "Mobile app*")</p> <p><u>Third:</u> ("user experience" OR UX) AND (aspect OR aspects OR principle* OR factor* OR dimension* OR element* OR indicator* OR attribute* OR feature* OR characteristic*) AND (metric OR metrics OR assessment OR assessments OR measure*) AND (method OR methods OR instrument OR instruments OR technique OR techniques OR procedure OR procedures OR approach OR approaches) AND ("mobile application" OR "mobile applications" OR "mobile app" OR "mobile apps")</p> <p><u>Fourth:</u> ("user experience" OR UX) AND (aspect OR aspects OR principle* OR factor* OR dimension* OR attribute*) AND (metric* OR method* OR instrument* OR technique* OR procedure* OR approach OR approaches OR assessment OR assessments OR measure*) AND ("Mobile application" OR "Mobile applications" OR "Mobile app" OR "Mobile apps")</p> <p><u>Fifth:</u> ("user experience" OR UX) AND (aspect OR aspects OR principle* OR factor* OR dimension* OR attribute*) AND (metric* OR method* OR instrument* OR technique* OR procedure* OR approach OR approaches OR assessment OR assessments OR measure* OR evaluation*) AND ("Mobile application" OR "Mobile applications" OR "Mobile app" OR "Mobile apps")</p> <p><u>Sixth:</u> ("mobile application*" OR "mobile app*" OR "smartphone application*" OR "mobile software") AND ("user experience" OR "user interface" OR "interaction design") AND ("aspect*" OR "attribute*" OR "factor*" OR "dimension*") AND ("method*" OR "technique*" OR "approach*" OR "measure*" OR "evaluation*")</p>

Libraries initial search strings:

Library	Initial Search string
IEEE Web of Science	("user experience" OR "user interface" OR "interaction design") AND (aspect OR aspects OR principle* OR factor* OR dimension* OR attribute*) AND (metric* OR method* OR instrument* OR technique* OR procedure* OR approach OR approaches OR assessment OR assessments OR measure* OR "evaluation") AND ("Mobile app")
ACM	("user experience" OR "user interface" OR "interaction design") AND (aspect* OR principle* OR factor* OR dimension* OR attribute*) AND (metric* OR method* OR instrument* OR technique* OR procedure* OR approach* OR assessment* OR measure* OR evaluation*) AND ("Mobile app")
GoogleScholar	"user experience" AND (aspect OR aspects OR principle* OR principles OR factor* OR factors OR dimension* OR dimensions OR attribute* OR attributes) AND (metric* OR metrics OR method* OR methods OR instrument* OR instruments OR technique* OR techniques OR procedure* OR procedures OR approach OR approaches OR assessment OR assessments OR measure* OR measures OR evaluation OR evaluations) AND ("Mobile app")
SCOPUS	("mobile app" OR "smartphone application" OR "mobile software") AND ("user experience" OR "user interface" OR "interaction design") AND ("aspect" OR "attribute" OR "factor" OR "dimension") AND ("method" OR "technique" OR "approach" OR "measure" OR "evaluation")