Supplementary table. 1. Peer-reviewed Literature Search Strategy

|  |  |  |
| --- | --- | --- |
| **Database** | **Keywords** | **Results** |
| EBSCOMEDLINE | (“Mobile Application\*” or “Mobile App\*” or "Portable Electronic App\*" or "Portable Software App\*") AND (Quality or Criteria or Evaluat\* or Usability)Limiters- Date of Publication: 20000101-20180731 | 2225 |
| EBSCO CINAHL | (“Mobile Application\*” or “Mobile App\*” or "Portable Electronic App\*" or "Portable Software App\*") AND (Quality or Criteria or Evaluat\* or Usability)Limiters- Date of Publication: 20000101-20180731 | 1776 |
| OvidPsycINFO | 1. (Mobile Application\* or mobile app\* or Portable Electronic App\* or Portable Software App\*).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]2. (quality or criteria or evaluat\* or usability).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]3. 1 and 24.limit 3 to yr="2000 – Current (31/07/2018) | 381 |
| IEEE Explore | (Mobile application\*) AND (quality OR usability) AND (Health) | 20 |
| INCLUDING REPEATED ARTICLES |  | 4402 |
| REPEATEDARTICLES REMOVED |  | 725 |
| TOTAL  |  | 3677 |

Supplementary table. 2.Grey Literature Search Strategy

|  |  |  |  |
| --- | --- | --- | --- |
| **Source Searched** | **Date searched** | **Search terms**  | **Results** |
| Nielsen and Norman Group | 11/26/2018 | Mobile app rating scale | 28 (0 relevant) |
| Nielsen and Norman Group | 11/26/2018 | Mobile app quality scale | 18 (0 relevant) |
| Nielsen and Norman Group | 11/26/2018 | Mobile app evaluation scale | 13 (0 relevant) |
| Google | 11/26/2018 | Mobile app\* rating scale | 79,300,000 (28 relevant) |
| Google | 11/26/2018 | Mobile app\* quality scale | 187,000,000 (9 relevant) |
| Google | 11/26/2018 | Mobile app\* evaluation scale | 29,000,000 (14 relevant) |
| The University of Alberta Grey Literature Collection | 11/27/2018 | Mobile app\* rating scale | 14 (0 relevant) |
| The University of Alberta Grey Literature Collection | 11/27/2018 | Mobile app\* quality scale | 72 (0 relevant) |
| The University of Alberta Grey Literature Collection | 11/27/2018 | Mobile app\* evaluation scale | 17 (0 relevant) |
| Health On the Net (HON) | 11/27/2018 | Mobile app\* rating scale | 28,700,000 (29 relevant) |

Supplementary table. 2. (continued) Grey Literature Search Strategy

|  |  |  |  |
| --- | --- | --- | --- |
| **Source Searched** | **Date searched** | **Search terms**  | **Results** |
| Health On the Net (HON) | 11/27/2018 | Mobile app\* quality scale | 35,900,000 (13 relevant) |
| Health On the Net (HON) | 11/27/2018 | Mobile app\* evaluation scale | 10,200,000 (23 relevant) |
| ProQuest Dissertations & Theses Global | 11/27/2018 | Mobile app\* rating scale | 79,137 (0 relevant) |
| ProQuest Dissertations & Theses Global | 11/27/2018 | Mobile app\* quality scale | 331,557 (0 relevant) |
| ProQuest Dissertations & Theses Global | 11/27/2018 | Mobile app\* evaluation scale | 308 (0 relevant) |