

Supplementary file: 2		
Database	Search strategy	Hits
1 PubMed	Search: (("diabetes mellitus, type 2"[MeSH Terms] OR "self-management/education"[MeSH Major Topic]) AND "Mobile Applications"[MeSH Major Topic] AND "english"[Language] AND "english"[Language]) AND ((fha[Filter]) AND (clinicaltrial[Filter] OR randomized controlled trial[Filter] OR review[Filter]) AND (humans[Filter]) AND (english[Filter]))	68
2 World Bank list of low and middle income countries included in the study	Search: ("Afghanistan"[All Fields] OR "Albania"[All Fields] OR "Algeria"[All Fields] OR "American"[All Fields] OR "Samoa"[All Fields] OR "Angola"[All Fields] OR "Argentina"[All Fields] OR "Armenia"[All Fields] OR "Azerbaijan"[All Fields] OR "Bangladesh"[All Fields] OR "Belarus"[All Fields] OR "Belize"[All Fields] OR "Benin"[All Fields] OR "Bhutan"[All Fields] OR "Bolivia"[All Fields] OR "Bosnia"[All Fields] OR "Herzegovina"[All Fields] OR "Botswana"[All Fields] OR "Brazil"[All Fields] OR "Bulgaria"[All Fields] OR "Burkina"[All Fields] OR "Faso"[All Fields] OR "Burundi"[All Fields] OR "Cabo"[All Fields] OR "Verde"[All Fields] OR "Cambodia"[All Fields] OR "Cameroon"[All Fields] OR "Central"[All Fields] OR "African"[All Fields] OR "Republic"[All Fields] OR "Chad"[All Fields] OR "China"[All Fields] OR "Colombia"[All Fields] OR "Comoros"[All Fields] OR "Congo"[All Fields] OR "dem"[All Fields] OR "rep"[All Fields] OR "Congo"[All Fields] OR "rep"[All Fields] OR "Costa"[All Fields] OR "Rica"[All Fields] OR "Cote"[All Fields] OR "d'Ivoire"[All Fields] OR "Cuba"[All Fields] OR "Djibouti"[All Fields] OR "Dominica"[All Fields] OR "Dominican"[All Fields] OR "Republic"[All Fields] OR "Ecuador"[All Fields] OR "Egypt"[All Fields] OR "Arab"[All Fields] OR "rep"[All Fields] OR "El"[All Fields] OR "Salvador"[All Fields] OR "Equatorial"[All Fields])	5,860,984
1 & 2 (2016-2022)	Search: (((("diabetes mellitus, type 2"[MeSH Terms] OR "self-management/education"[MeSH Major Topic]) AND "Mobile Applications"[MeSH Major Topic] AND "english"[Language] AND "english"[Language]) AND ((fha[Filter]) AND (clinicaltrial[Filter] OR randomized controlled trial[Filter] OR review[Filter]) AND (humans[Filter]) AND (english[Filter]))) AND (("Afghanistan"[All Fields] OR "Albania"[All Fields] OR "Algeria"[All Fields] OR "American"[All Fields] OR "Samoa"[All Fields] OR "Angola"[All	15

	Fields] OR "Argentina"[All Fields] OR "Armenia"[All Fields] OR "Azerbaijan"[All Fields] OR "Bangladesh"[All Fields] OR "Belarus"[All Fields] OR "Belize"[All Fields] OR "Benin"[All Fields] OR "Bhutan"[All Fields] OR "Bolivia"[All Fields] OR "Bosnia"[All Fields] OR "Herzegovina"[All Fields] OR "Botswana"[All Fields] OR "Brazil"[All Fields] OR "Bulgaria"[All Fields] OR "Burkina"[All Fields] OR "Faso"[All Fields] OR "Burundi"[All Fields] OR "Cabo"[All Fields] OR "Verde"[All Fields] OR "Cambodia"[All Fields] OR "Cameroon"[All Fields] OR "Central"[All Fields] OR "African"[All Fields] OR "Republic"[All Fields] OR "Chad"[All Fields] OR "China"[All Fields] OR "Colombia"[All Fields] OR "Comoros"[All Fields] OR "Congo"[All Fields] OR "dem"[All Fields] OR "rep"[All Fields] OR "Congo"[All Fields] OR "rep"[All Fields] OR "Costa"[All Fields] OR "Rica"[All Fields] OR "Cote"[All Fields] OR "d'Ivoire"[All Fields] OR "Cuba"[All Fields] OR "Djibouti"[All Fields] OR "Dominica"[All Fields] OR "Dominican"[All Fields] OR "Republic"[All Fields] OR "Ecuador"[All Fields] OR "Egypt"[All Fields] OR "Arab"[All Fields] OR "rep"[All Fields] OR "El"[All Fields] OR "Salvador"[All Fields] OR "Equatorial"[All Fields]) Filters: Abstract, Clinical Trial, Randomized Controlled Trial, Review	
--	--	--