Flowchart: Start Input Visitor age, Search Keyword(s) The website with the Are all websites minimum distance is enumerated the predicted website Calculate Similarity Score using equation (1.1) Calculate Distance between visitor and current website considering visitor age and similarity score using equation (1.2) End

Algorithm:

Step 1: Start

Step 2: Input Visitors age, Search Keyword(s)

Step 3: Are all websites enumerated, if yes, jump to Step 6

Step 4: Calculate Similarity Score

Step 5: Calculate Distance between visitor and current website considering visitor age and similarity score, **goto Step 3**

Step 6: The Website with the minimum distance is the predicted website

Step 7: End