LITERATURE SURVEY

News Tracker Application

Author name : Carreira et al

Year of publishing: 2004

Description:

used interaction logs of mobile users of news services to implicitly capture user profiles as the basis for recommending articles of interest. Their prototype news application logged aspects of users' reading behavior such as reading duration, estimated number of lines read,estimated reading speed, etc. However, they logged in interactions with news services on the PDAs having much less advanced capabilities

Author name : Tavakolifard et al.

Year of publishing: 2013

Description:

proposed a news content recommendation system (including the mobile app) that efficiently delivers "tailored news in the palm of your hand". No studies have attempted to log interactions for the purpose of personalizing the interface as opposed to personalizing the new content. Interaction data capture with smartphones has been demonstrated in other studies but not in relation to news consumption.

Author name : Billsus and Pazzani

Year of publishing: 1999

Description:

He developed the news recommendation system NewsDude to recommend news articles for desktop users. They used supervised machine learning methods in the form of nearest-neighbor algorithms to model short-term interests, and a naive Bayes classifier for long-term interests.

Author name : Woerndl et al.

Year of publishing: 2010

Description:

proposed a unified approach for collecting data about smartphone interactions in an appropriate granularity for user modeling.In this paper we report an investigation into implicit profiling and adaptive user interfaces for mobile news apps.First, a survey was conducted to examine news reading behavior of users of mobile devices. A cluster analysis revealed three main types of mobile news reader characterized by five factors. Second, a study was conducted to investigate whether users of a news app could be identified in relation to the three types using a dedicated news app logging user's interactions during two weeks. Five characteristic factors were extracted from these logs and were used for training a classifier.

Author name : Oulasvirta et al.

Year of publishing:2012

Description:

used logs of smartphone interactions to examine users' habits, in particular their habitual checking of their smartphone state and notifications.