IDEATION PHASE

LITERATURE SURVEY

Project	Skill / Job Recommender System
Team ID	PNT2022TMID02924

Introduction:

A Recommendation System, in simple language, is a classification and information filtering system which shows the user(s) material and information tailored around the profile, history and current data of the user(s). Recommendation Systems are used in almost every strand of the digital world.

"Suggested Videos" on YouTube, "People you may know" on Facebook, "Games, Books and Apps suggested for you" on Google Play Store etc. are all examples of Recommendation Systems/Engines which take into account the user's past watch/download history and suggest results which try to predict what the user might watch/download in the future. Recommendation Systems use various classification rules which aim to classify the patterns of the user(s) into various classes to optimize the search and results of the system. The most upcoming and rapidly growing branch of Recommendation Systems is "Mobile Recommendation Systems". Almost half of the population of the world owns a smartphone and thus getting personalized feed on their phones is an interesting and new attraction which has led to the rise of Mobile Recommendation Systems.

In this article we are going to analyse the various papers, journals and articles that have been published earlier and provide an idea about the various papers. The various papers related to our problem statement are listed below:

1. R. Munger, "Technical communicators beware: The next generation of high-tech recruiting methods.", IEEE Trans. Professional Communication, vol. 45, pp. 276-290, 2002.
2. Anika Gupta, Dr. Deepak Garg "Applying Data Mining Techniques in Job Recommender System for Considering Candidate Job Preferences", International al

Conference on Advances in Computing, Communications and Informatics (ICACCI) 2014.

3. Deepali V Musale, Mamta K Nagpure, Kaumudini S Patil, Rukhsar F Sayyed "Job Recommendation System Using Profile Matching and WebCrawling.", INTERNATIONAL JOURNAL OF ADVANCE SCIENTIFIC RESEARCH AND ENGINEERING TRENDS.

4. Michael J. Pazzani and Daniel Billsus "Content-Based Recommendation Systems", The Adaptive Web, LNCS 4321, pp. 325– 341, 2007.