Project Design Phase-II

FR No.	Non-Functional Requirement	Description

Solution

NFR-1	**Usability**	Usage of Python as a programming language Flask as a Python framework Docker as a software platform IBM cloud as a cloud storage IBM DB2 as a database support

Requirements (Functional & Non-functional)

Date	27 October 2022
Team ID	PNT2022TMID44798
Project Name	SKILL/JOB RECOMMENDED APP
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

NFR-2	**Security**	Only authorized users can login to the app which provides high security for finding job journey

NFR-3	**Reliability**	Factors affecting the reliability of user review-torating conversion are studied. A confidence level is computed for ratings produced from user reviews. The confidence level is considered in the recommendation formulation process. Use of the confidence level increases prediction accuracy and user satisfaction.
NFR-4	**Performance**	The common way to assess the performance of a recommender system would be through standard metrics such as Accuracy, Precision or Recall [1,2]. However, these metrics require ground truth knowledge about which recommendations are correct, which is hard to obtain at a large scale in our specific problem setting.

NFR-5	**Availability**	Collaborative filtering is a technique that can filter out items that a user might like on the basis of reactions by similar users. It works by searching a large group of people and finding a smaller set of users with tastes similar to a particular user.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Gmail Registration through Form Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Plan	can customize based on user needs
FR-4	My APP	Can add or update the existing plan based on user needs

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR-6	**Scalability**	The purpose of a recommender system is to suggest relevant items to users. To achieve this task, there exist two major categories of methods : collaborative filtering methods and content based methods.