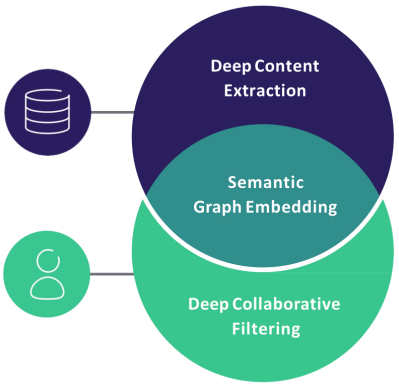
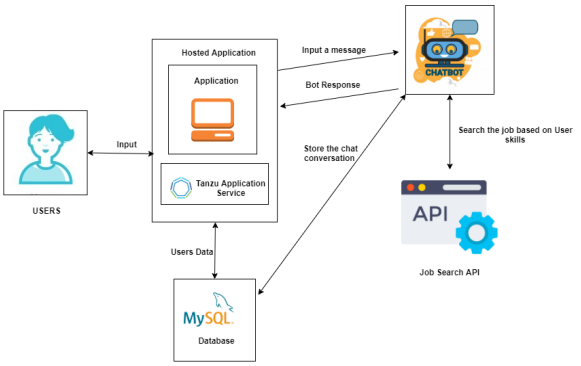
Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	SKILL / JOB RECOMMENDER
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	For most consumers, the use of a search engine is the natural first step in the quest to find a service. Standard search engines are inefficient at finding services and prioritise results for the major providers rather than those that would best meet the user's needs.The major search engines display search results in a text based layout that is difficult to analyse for suitability and, in many cases, impossible to identify a cloud service without first visiting the website. Find a job recommender that help users to make a purchase decision regarding a cloud service.
2.	Idea / Solution description	Leverage deep learning combines collaborative filtering and content-based models. Hybrid Deep Learning algorithms allow us to learn much finer interactions between users and items. Because they are non-linear, they are less prone to over-simplify a user's tastes.

		
3.	Novelty / Uniqueness	Improve performance in terms of time response and reliability. Exhaustive and comprehensive evaluation Improve accuracy of cloud service provider. Immediate goals are to improve the accuracy of the cloud service identifier and expand it to identify different types of cloud services
4.	Social Impact / Customer Satisfaction	Personalized recommender systems are rapidly becoming important, and global companies such as Amazon , Netflix, and Google are offering various services using recommender systems to maintain a sustainable competitive advantage in e-commerce. Providing products or services that suit customer interests can help reduce customers' efforts to explore offerings and increase customer satisfaction as well as item sales. 

		However, when service recommends the same product every time, customer satisfaction will decrease even if the recommender system's accuracy is high
5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	The most popular recommender systems employ collaborative filtering algorithms. These methods require large amounts of training data, which cause scalability problems. One approach to solve the scalability problem is to use clustering algorithms.