

Project Number: 6

Project Title: Design and development of a project recommendation system based on Profiles Complementarity

Project Clients: Sonit Singh, Basem Suleiman

Project specializations: Software Development;Web Application Development;Artificial Intelligence (Machine/Deep Learning, NLP);

Number of groups: 2 group

Main contact: Sonit Singh, Basem Suleiman

Background:

Choosing a particular project and team members is a challenging feat and impacts team's success in delivering quality project. It involves a nuanced understanding of team members' skills, project requirements, and overall project goals. Traditional methods often rely on manual assessments and subjective decision making, leaving room for inefficiencies and mismatches. The goal of this project is to use data-driven and objective approach using state-of-the-art artificial intelligence technologies. The AI is used to create detailed skill profiles for each member by analysing their past project performances, certifications, and completed courses. The developed system also identifies skills required to deliver a particular project successfully. Based on individual profiles and required skills for the project, the recommender system ensures that the right team members are selected for the right project based on their right skillset.

Requirements and Scope:

The scope of the project is to develop a recommender system which can team members complementary skillset, project skills requirement, and recommending best matches.

Required Knowledge and skills:

TBD

Expected outcomes/deliverables:

Source code, user guide, report, and presentation