

Project ID: 26

Project Title

Design And Development Of A Project Recommendation System Based On Profiles Complementarity

Client Name

Sonit Singh, Basem Suleiman

Group Capacity

2 groups

Comment: This client might update or provide more details later or during first client meeting.

Project 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.

Project 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.

Project Requirements

TBD

Required Skills

TBD

Expected Outcomes

Source code, user guide, report, and presentation

Disciplines

Software Development;Web Application Development;Computer Science and Algorithms;Artificial Intelligence (Machine/Deep Learning, NLP);

Other Resources

None