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COM3014  Advanced Challenges In Web Technologies

ProMatch

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# Introduction

## Overview

The concept behind the system is to match project stakeholders with professionals that fill the required roles and vice versa. The website will allow the creation of projects with defined roles then suggested users can be accepted or declined. The users will be given suggested projects which they can accept or decline. Once there is a match both parties will be notified and communication between the two can start.

## Stakeholders

## Requirements and Objectives

* Project managers will be able to create a project with a description, related interests, timeline and required roles.
* Project managers will be able to edit their project and the roles within as requirements change.
* Roles will be defined as a list of required or desired skills, qualifications and experience.
* Professionals will be able to create and edit a profile with their skills, qualifications, interests and experience.
* Project managers will be able to accept or decline professionals for a role from a list of suggestions.
* Professionals will be able to accept or decline project roles from a list of suggestions.
* When a match occurs between a project manager and a professional both parties will be notified and given contact information.
* Suggestions will be generated by comparing the requirements of a role to the relevant parts of a user’s profile.
* Suggestions will be displayed one by one in an order defined by the generated rating.

# System Architecture

## Use Cases

## Structural Diagrams

## Behavioural View Diagrams

# Deployment and User Manual

# Roles and Contribution

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