

**Shkenca Kompjuterike dhe Inxhinierisë**

**Dizajnimi i Softuerit**

**Job Application System**

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Job Application System

The Job application system is designed to process job seeking and hiring, serving as a platform in which individuals can apply for job positions and companies can manage and evaluate job applications. To be able to post or view job applications, the users have to create an account. After creating the account the employers can post job openings describing the requirements, the role details, and the deadline for the application. The employees can add to their profile the details that they think are relevant to the field they are interested in, including the option to upload their CV or resume.

The job seeker can browse through available job openings and submit their application electronically. This feature makes it easy for employers to keep track of incoming job applications and update the applicants on the status of their applications.

The system offers matching algorithms allowing employers to find suitable candidates based on specific criteria that they are looking for and enables job seekers to find relevant job opportunities. Other than that the system could include notifications about the application status, interview invitations, and other relevant updates.

Overall, a job application system is an essential tool for both recruiters and job seekers as it helps them automate the hiring and job-seeking process making it more efficient, organized, and accessible.

Job Application UML

**Applicant and Job Position:** this means that the applicant can apply to multiple job postings.

**Job Position** can receive multiple **Application Forms.**

**Resume and Applicant:** shows that an Applicant has one resume.

**Company and Job Position:** represents that a company can have multiple Job Positions.

**Applicant and Evaluator:** can receive multiple **Notifications.**

**Applicant and Interview:** represents that one applicant can conduct many interviews.

**User:** represents that both Applicant and Evaluator inherit attributes from the User class.

**Evaluator and Resume:** One evaluator can evaluate many interviews.

**Job Positions** can require many **Skill Sets.**

