



The diagram focuses on the data flow of Online Application System between the Job applicant and the C-Suite. The Online Application System is outputting to the job applicant basic application questions, position specific application questions, a confirmation, and an email of the resulting verdict from the C-suite. The Online Application System is outputting to the C-suite member the email of the report of the job applicant's application. The job applicant inputs contact information, basic application answers, position specific application answers, and a resume or documents into the Online Application System. The C-suite member inputs only their verdict of the applicant into the system. The benefit of this is that C-suite member only receives a chunk of information and is able to make a decision to whether to accept or reject the applicant off that information. Another benefit is that they only need to make one decision to make the verdict.

The data flow diagram is based off the use-case descriptions for the Online Application System. The software used to make this data flow diagram was Draw.io. The Yourdon & Coad notation was chosen for the diagram because the process was not that complex, and the notation doesn't involve that much detail. The outside entities were dubbed as job applicant and C-suite because those are the two actor or outside entities that interact with the system. The process or system is the Online Application System because it is process that needs to procure and produce data.