

Draw an enhanced entity-relationship (EER) diagram for this database.

Consider the scenario below:

The Big Time Company wants a database to keep track of the jobs that it is performing. Each job is of a certain type (JobType), which is also identified by a JobTypeName. Each job performed is given a number (JobNo), a starting date (JobStartDate), and a promised finishing data (JobFinishDate). The customer (CustNo, CustName) of a job is noted. Any job of a given type is done in one or more steps, each of which is identified by a code (StepCode) and name (StepName). The steps are numbered (StepNo) 1, 2, .... The average time to complete a step (AvgTime) is also recorded. It is possible for a given job step to be used in several types of jobs. When a job is accepted, the required steps to complete the job are scheduled and the estimated start and completion dates (StepStartDate, StepStopDate) are recorded for each step.

Any assumptions must be explicitly listed.