

Data and Applications - Project Phase 2

Aryaman Kolhe (2022121002), Prakhar Jain (2022121008), and Vrinda Agarwal (2021101110)

Introduction to the Mini World

In today's fast paced world, it has become increasingly difficult for people working in HR to find a good fit for their institution or company. Our *Only Jobs* mini world solves this issue by providing job seekers and hiring managers a one stop solution to all their problems.

It helps store various qualifications and projects worked on by people, along with available jobs, their minimum requirements and much more.

Keywords: Data Models, Only Jobs, Job Search, Entity Relationship Diagrams

1. Designing of Entity Relationship Diagram

Our task is to design an Entity Relationship Diagram, given the mini world description built during Project Phase 1.

Changes Made -

Created 2 identifying relations (that had been overlooked before)

1. Having	Degree	2
	Entity Types	Person, Educational Qualifications
	Cardinality	[(1,1), (0,n)]
2. Requires	Degree	2
	Entity Types	Jobs, Min_Job_Requirements
	Cardinality	[(1,1), (0, n)]

One person can have 0 or more educational qualifications. Similarly, one job can have 0 or more minimum job requirements.

Apart from that, we have stuck to all the mentioned details (from Phase 1), and implemented things accordingly. Please look at page 2 for the ER diagram.

— Thank you —

