A Canadian Ultra-Low Budget Airline have assigned us to develop a high level Entity Relationship (E-R) diagram for the company operating. The company operate in four provinces which are Vancouver, Calgary, Toronto and Montreal. The company have thirty-two staffs total and eights plane which can carry up to fourth-two passengers on each plane.

* Staff are identified by an employee’s numbers, their roles as a flight attendant or pilots, first and last name and which provinces they operate in.
* Passengers are identified by their first and last name, if they are frequenting flyer, destination they are flying to and where they are seated on the aircraft.
* Each aircraft is identified by their registration letter, where they are departure and arriving, number of passengers and number of staffs.
* Airport is identified by their International Civil Aviation Organization Code (ICAO)
* The company fly from Vancouver to Toronto, Calgary to Montreal, Toronto to Vancouver and Montreal to Calgary twice a day.
* The company route is identified by a unique ID which will have time of arrival, time of departure, number of staff, number of passengers and total flight time.

VAN – TOR

TOR – VAN

CAL – MTL

MTL – CAL

8 Planes Total

32 Staff

48 Passengers

4 Destinations