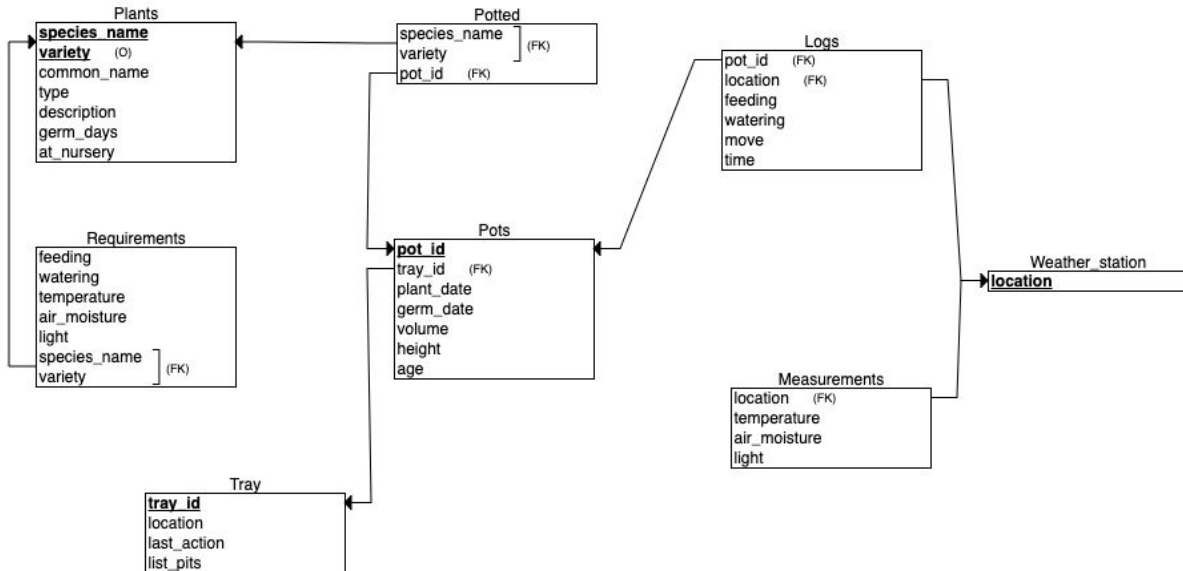


Part C



I created a separate table for Requirements because I did not want to have the Plants table to have way too much data stored in it. I used a weak entity relationship for Requirements by requiring all Requirement tuples to have a species_name foreign key to reference the Plants table. I also created a separate Potted relationship between the Plants and Pots tables to make it easy to join these tables later and allow the user to access the attributes of the plant that is inside the pot. I also made the pots to tray relationship a many to one total participation relationship because all pots will be in a tray. Logs will reference the pots and measure tables to easily allow pots to reference the feeding and watering updates from the measurement table.