03.23   Assignment-3 reupload.

Germination
Species ────────┐→ Germination checked every 3 days,
Column   │   so there is no unique identifier here.
Row   │   Will add an auto-increment primary key
Salinity
Date
Emergence
Observer   Sample-Location
Notes   ----------Species_Tmt_pos → Primary Key
Checked-by   ┆   ┆ Species
Species_Tmt_Pos--┆   ┆ Column
      (foreign key)   ┆ Row
                         ┆ Salinity
EC_Final   ┆
Sample → Primary Key   ┆
Start_Time   ┆
Soil_weight_g   ┆
Water_Rate_mL   ┆
Time_of_measurement   ┆
EC_microS_cm   ┆
PSU   ┆
Temperature_C   ┆
ECe_dS_m   ┆
PSU_e   ┆
Target_Salinity   ┆
remeasure   ┆
Species_Tmt_pos --------┘

Database
~~Structure~~ structure sandra's experiment

$$\boxed{\text{Germination}}$$

- Treatment
- Block
- Species
- Date
- germ_Count
- Species_tmt_block - Primary key

$$\boxed{\text{Salinity Reservoirs}}$$

- Treatment
- Block
- Species
- Date
- Salinity-ppt
- Salinity_EC
- Species_tmt_block · primary

$$\boxed{\text{Salinity_Soil}}$$

- Treatment
- Block
- Species
- Surface_EC
- Top_EC
- BOTTOM_EC
- Species_tmt_block
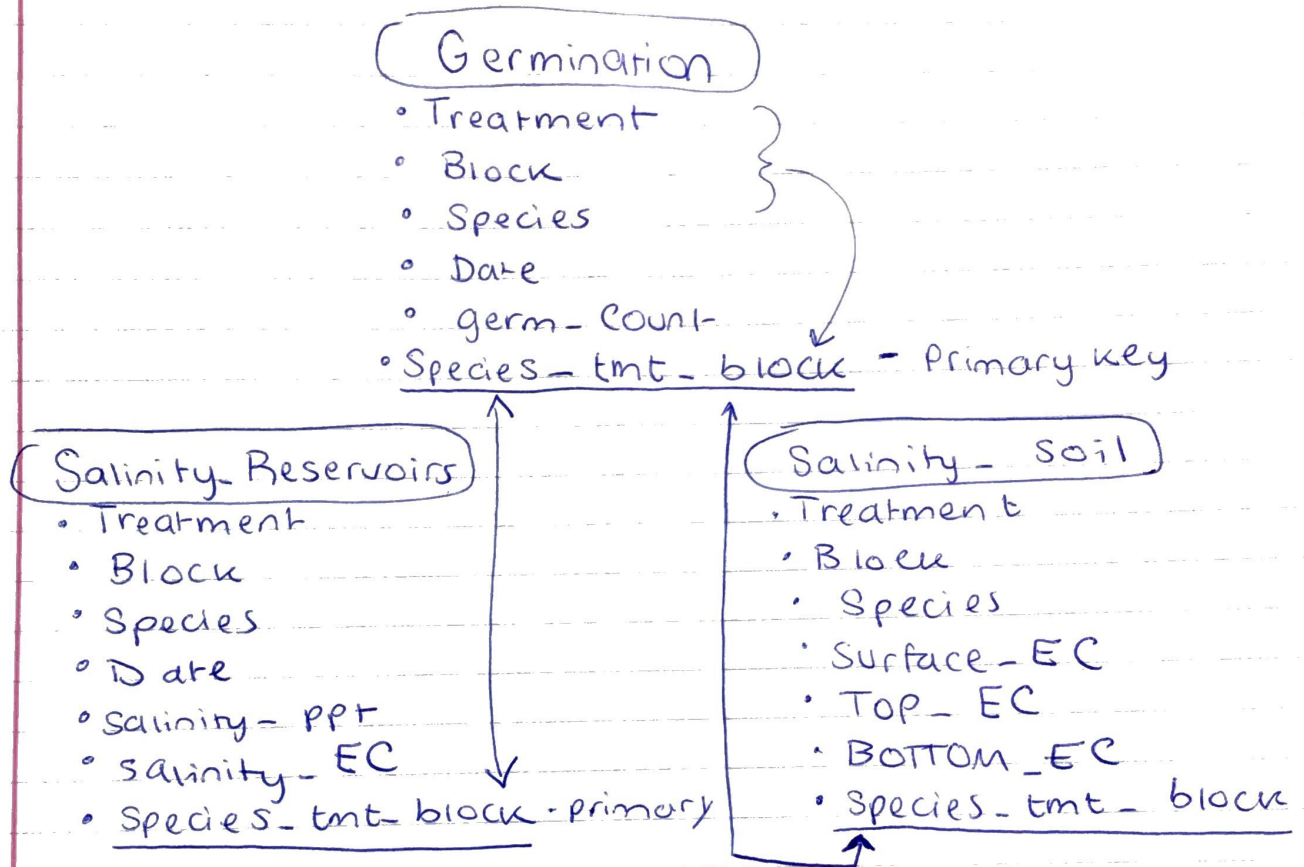
> germination counts, and salinity_reservoirs are taken weekly. Salinity_soil will only be done once @ the end of the experiment.

> I probably could use some other unique identifier than species_tmt_block, but that would be the clearest way for me to visualize that data point (and I would still want separate columns for species, treatment, block for analysis in R).