Milestone 1:

1. The database model has been updated on github to show the database schema for these programming tasks:

2. I need to add a feature that allows my system-wide admin user to add a new customer's company to the system, in addition to editing existing customers information, and the ability to disable or delete a customer. A customer company should have a name and address field that the system priviledge level can modify.
3. Each company has sub-users. One sub-user type is admin. That admin role is only per company. The admin of the company needs to be able to add farms, for which they should be able to edit name, address, and email.
4. The company admin also needs to be able to create and edit farm fields for each of the company customers. Each farm field should have a name and acreage, both text fields.
5. For each farm, there are Harvest records which the admin can create and edit, with a name and date. When a Harvest record is created, sub-records in the HarvestPerField must be created for each field on the farm.
6. There should be a report page viewable by company admins where the company admin can click on a Harvest record and see both total yield across all applicable farm fields and and also the yield per farm field.

Milestone 2:

1. Company admins need to be able to log in and view their company data.
2. For each company, there is a list of trucks, editable by company admin. The Trucks table should store a name, year, and VIN #, and also a field to notate which user is the current driver of the truck.
3. When a trucker user signs in, he should be presented with a list of company trucks to choose from. When he makes the selection, the field in the Trucks table for current driver should be updated. When he logs out, the field should be cleared.
4. The company admin should be able to access a page that lists the trucks and who is currently driving each one.
5. For each company, there is a list of Harvest Rigs, for which there should be stored name, year, and serial number, editable by company admin. There should also be a current operator field.
6. When an operator user signs in, he should be presented with a list of company harvest rigs to choose from. When he makes the selection, the field in the Harvest Rigs table for current operator should be updated. When he logs out, the field should be cleared.

7. There is a separate table called Truckloads, which stores a sequential id, a load date and time, a unload date and time, harvest rig, operator id, truck, trucker id, field id, harvest id, yield amount (floating point number) and yield type (string, with available options being bushels, pounds, and tons).
8. Need an interface for an operator user to create a new truck load. The load date and time should be auto-filled with the time when the operator clicks to create a new truck load. Field and harvest values should auto-fill from the last truck load record for the company, with the option for the operator to set new values for those two fields. The operator also needs to select a truck for this record, and the trucker user id should be auto-filled from the current driver in the Trucks table.
9. After creating a new truck load, the operator should be presented with a screen that has a button to finish the truck load, which simply sends him back to new truckload screen.
10. When a user of type office logs in, he can see the list of truckloads for his company that do not have yield information filled in yet. He can select any truckload from this list, and add values to the yield amount and yield type fields for that truckload. When he adds this information, the total yield amount for the field is updated in the HarvestPerField table.