Generally…

- The app name is MYGeoMaster, will used for data management and data entry of core logging and sampling.
- The application will have a home page (with the content talking about the advantage of the app and identification of the app)_the content is not ready yet.
- After user log in he will be able to see and access the app sections.
- Just admin and manager users give the privileges and create the users.
- For dashboard the statistics should be filtered for the just the data entered by this user, only admin and managers able to see the statistics including all data.
- There is must be a workspace or environment to split the users in groups.
- In attached excel sheet you will find equation and lists for that fields that validated by dropdown lists, so please use it, also every sheet should be represent as a form in website
- The system will be used with multiple users in same time.
- I need to make the users to send messages to each others, and managers to assign tasks to users.
- The app should be available in dark and light mode.
- This the theme needed Salesforce CRM - Invoice Management Software by Jack R. for RonDesignLab ⭐ on Dribbble
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Section 1:
Dashboard

Section 2.1:
Begin Core Logging

Section 2.2 :
Identify New Hole

Section 3:
Explore Dataset

Note…

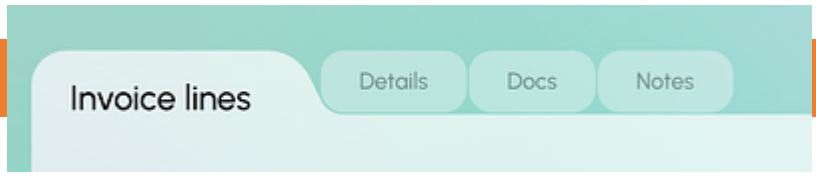
When User Logged in successfully he will see this screen to choose if he need to identify new hole, or begin core logging, or explore the dataset.

The 3 section must be clickable to redirect to other pages (forms, and tables)

Dashboard

- The dashboard should have figures to reflect total meters logged, total holes finished, total samples. (by dates)
- If user is not admin or manager, then the statistics should be restricted to the data he entered to the system.
- For the admin and managers, they should be able to see a comparison between performance of every user.

Identify New Hole



Collar

Hole_ID, Hole_Type, Max_Depth, Orig_Grid_ID, Orig_East, Orig_North, Orig_RL, Orig_Survey_Method, Orig_Survey_Date, Orig_Survey_By, Prospect

Hole_Status, Date_Started, Date_Completed, Responsible_Person, Comments

Planned_East, Planned_North, Planned_RL, Planned_Azi, Planned_Dip

Data_Source, Validated, Validated_Date, Validated_By

Clear | Add New

Send to DB | Export | Clear

- See the attached excel sheet for data types and fields that required to be as (Dropdown list).
- The Table under form will show the data entered during the running season.
- Clear button under form should clean just the data inside form, but another button under table should be responsible for clean all data entered during the season and appearing in the table.
- Export should be as csv or xlsx.
- Send to DB button is a function to save the data in the connected SQL database, because may be user don't need to save the data he entered in the database and just need to export it as csv.

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- Interval_lenght(m) is automatic calculated field (Depth_To - Depth_From)
- Logged By, Date Logged also should be automatically updated by current date and user signed in.
- Hole ID field should be fixed during season until user change it to start log a new hole.

- This section is for data viewing or data modification and Data Export.
- The filters option should be a dropdown list, so all Hole ID in the database should be listed, also all table should be listed like (Collar, Lithology, Mineralization, Alteration, Structure, etc.…)
- Modify button is a function that enables the modification in the data appeared in table.