CS 480 Breedt Production Tooling and Design

Major High-level Features

1. Project Tracking
   1. Tracking hours put towards each project
   2. Tracking bill of materials (BOM) items
2. Project Overview
   1. Visualize statistics on the amount of money and hours dedicated to the project
   2. View project details: Name, customer, deadline, other
3. To-Do List
   1. Boss can create to-do list for the next day
   2. Employees can view to-do list
4. Multiple User Levels

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| --- | --- | --- |
| View | Employee View | Boss View |
| Dashboard | * Hours recorded for the day so far (Possibly active tasks) * BOM additions from the day * Daily to-do list (Viewable) * Buttons to add hours or BOM | * Overall Hours worked by Employees * Total BOM list for the day * Upcoming project due dates * Daily to-do list (Editable) * Button to settings view |
| Project | * High level project details (Viewable) * List of hours invested into project * List of BOM items purchased for project * Buttons to add both hours and BOM items * Personal Notes (Possibly) | * High level project details (Editable) * List of hours invested into project * List of BOM items purchased for project * Buttons to add both hours and BOM items * Personal Notes (Possibly) |
| Project List | * Filterable list of all currently active projects | * Filterable list of all currently active projects * Button to add new project |
| Settings |  | * Add and remove users and modify their access |

Questions:

BOM: What does a BOM entry represent? Is it a request to be filled? If so do we want to just show the request or also show when it has been purchased?

Project View: What info is important to see as high level info for the project view? What information needs to be saved about the projects? Hour constraints, budget constraints?

Hour Entry: What specific fields do you want to track about each hour entry? Required and optional.

User Levels: How many levels are needed? Will just an admin/boss level and an employee level work?

Taxes: What information needs to be tracked for Tax purposes?

Hour tracking: Can an employee have multiple hour tasks running at once? Should the dashboard for employees show the currently running tasks?

UI: Preference on UI colors or look?