Proposal & Requirements Report

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For this project, we will create a web-based resource management system for a business. The preliminary requirements are as follow:

The company will have many departments that hold accountability for different functions in the company. Each department must be able to work with other departments to deliver the best outcomes.

1. <u>Human Resources:</u> this department will be responsible for keeping track of employees' working hours.
2. <u>Financial/Accounting:</u> this department will be in charge of managing transactions including transactions with customers/clients, payments to manufacturers and employees, etc.
3. <u>Inventory:</u> this department will manage inventory
   - Receiving and managing goods imported
   - Fulfilling orders to customers/clients
4. <u>Sales:</u> the team will manage sales: receiving orders and working with inventory to fulfill orders, using the sales data to make sales decisions, etc.

Employees should be able to keep track of their working hours and projected income based on the number of working hours.

Managers of each department can see certain details of the employees in their department. They are also able to give employees bonuses which will have to be justified with some explanations or proof. This bonus decision has to be finalized by a General Manager (GM). GM(s) has the authority to manage every employee in the company and overrule the bonus decisions of department managers.

Customers can be of two types: potential customers and registered customers. Potential customers are ordinary site visitors who look around for goods. Registered customers are customers that register their information, which will be stored in the database. Every customer can see the availability of goods. However, only registered customers can place an order.

A list of manufacturers with their basic information will be stored in the database. For each manufacturer, a list of goods/items with their offered pricing will also be stored and updated frequently.

Each **item** will be categorized into different categories including electronics, home improvements, stationary, etc. Items will receive ratings from verified buying customers. Items

with better ratings will be recommended to more customers. Manufacturers with better overall ratings will be placed higher in the importing priority list. This priority list will also be sorted by the offered price.