5.0 Operation Plan

5.1 Based Description

Our operating goal is to provide high-quality products that meet the requirements of our clients while remaining competitive and profitable for the firm. We strive for client satisfaction in terms of both service and quality. The operations plan includes a basic flowchart.

5.2 Machine and Equipment

no	item	price	financial
1.	Computer	30,000	Public financial
2.	Chair	10,500	Public financial
3.	Air conditioner	15,000	Public financial
4.	Internet connection (WIFI)	400/month	Public financial
5.	stationery	500	Public financial
6.	Workstation table	10,000	Public financial
7.	Printer	5,000	Public financial
8.	Information board	1,000	Public financial
9.	Website development and apps	10,000	Public financial

5.3 Manufacturing Process/ Inventory Planning

5.3.1 Material requirements

When ordering goods, we make sure to purchase high grades materials. At the conclusion, we will make another purchase for 50 stocks of raw materials.

No	Raw material	Quantity	Price (RM)	Total price (RM)
1.	Dc motors	300	200	60,000
2.	Electric board	300	150	45,000
3.	Wheels and Tyres	300	85	25,500
4.	Wire	3,000	5.00	15,000
5.	Connector	3,000	0.50	1,500
6.	Wheelchairs frame	300	135	40,500
7.	Led bulb	600	1.80	1,080
8.	Antenna	300	15.00	4,500
9.	Screw and nut	3000	0.50	1,500

5.3.2 Capacity Planning

PHARMATECH INNOVATIONS Capacity Planning Method:

Understanding the Demand and Production Landscape:

Product Deep Dive:

The foundation begins with a thorough analysis of the product, scrutinizing its components and assembly process. This knowledge empowers accurate demand forecasting, crucial for aligning production with market needs. Facility Audit: Then, the manufacturing environment undergoes a strengths and weaknesses assessment. Are the tools, workforce, and space sufficient to handle projected demand without cost overruns or delays?

Streamlining the Production Flow:

Process Mapping: A meticulous production process plan is formulated to identify and address potential bottlenecks. This ensures smooth material flow, from procurement to assembly. Inventory Optimization: Striking the delicate balance between sufficient raw materials and excessive capital-tied inventory is paramount. Effective inventory management strategies are implemented. Workforce Alignment: To synchronize the workforce with production plans, meticulous labor resource planning is essential. This may involve adjusting shifts, utilizing overtime, or strategic hiring.

Ensuring Quality and Efficiency:

Equipment Upkeep: Tools and equipment must be maintained in optimal condition through consistent maintenance schedules to minimize downtime.

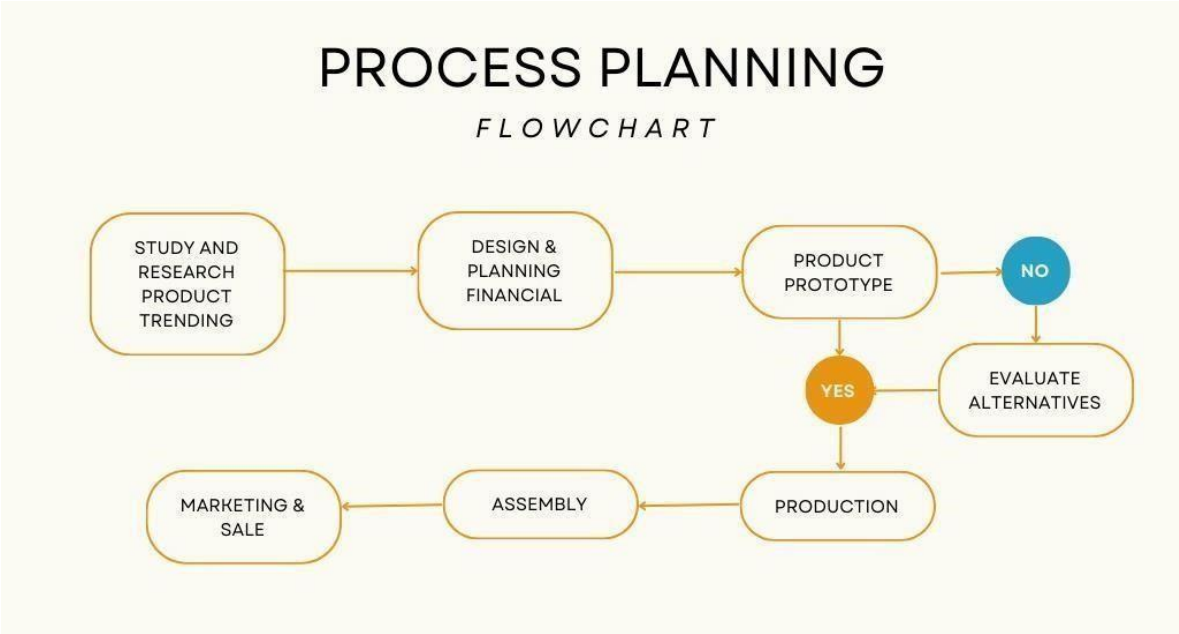
Rigorous Quality Control: Robust quality control measures are established to guarantee the final product's safety. A vigilant monitoring system identifies and swiftly addresses quality issues. Supply Chain Collaboration: Seamless coordination with suppliers is crucial for timely and accurate material delivery. Effective communication channels and backup plans for supply chain disruptions are vital.

Continuous Improvement for Long-Term Success:

Innovation Mindset:

The organization fosters a culture of constant evolution, actively seeking ways to streamline processes and increase production capacity. This fuels the long-term success of the PHARMATECH INNOVATIONS production line.

5.3.3 Process flow



5.3.4 Layout plan