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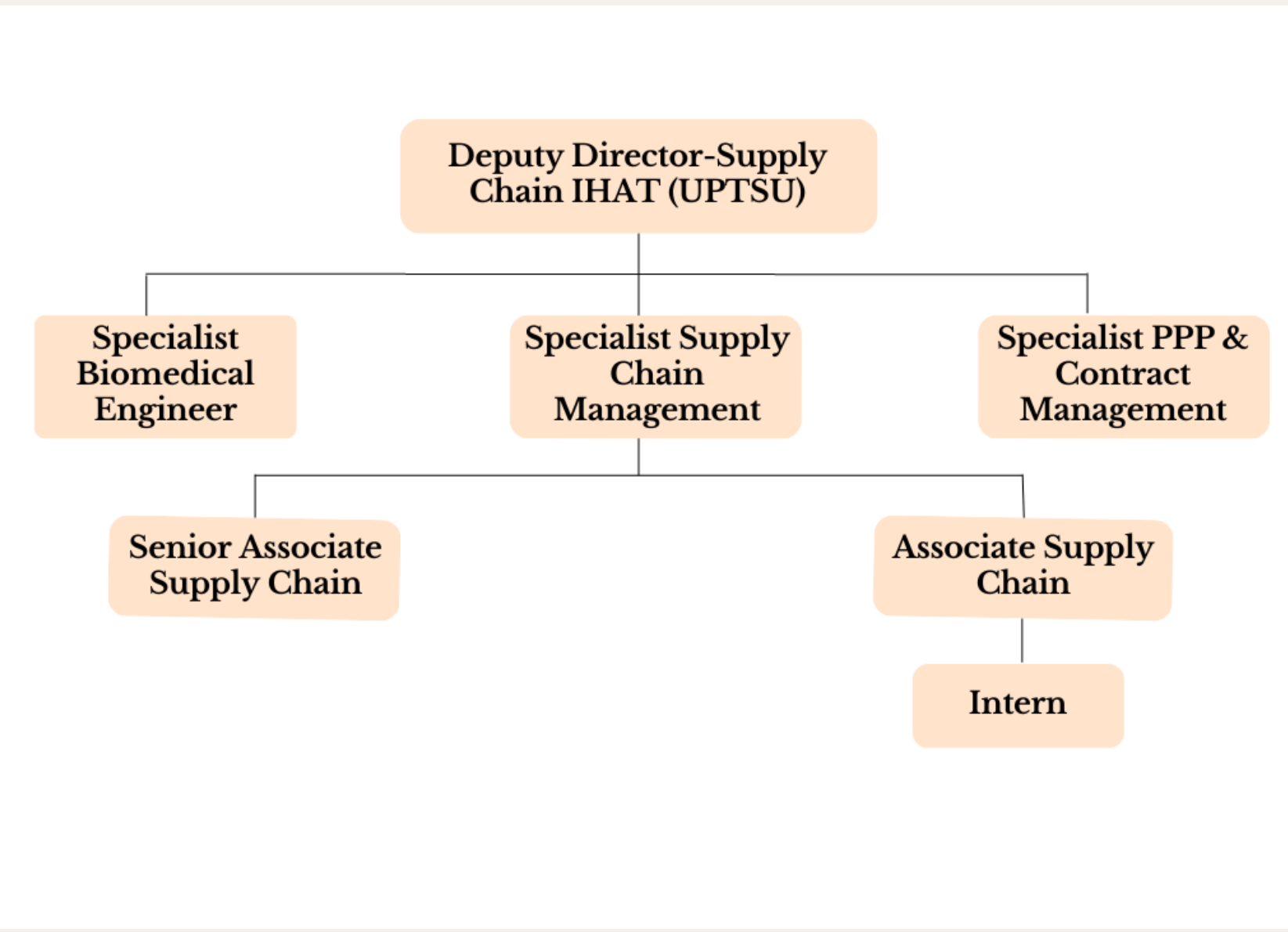
BRIEF HISTORY OF THE ORGANIZATION

India Health Action Trust (IHAT) was instituted in 2003 as a Charitable Trust to work closely with the Government of India and state governments to achieve its public health goals. Government of Uttar Pradesh, with its firm commitment to ensure quality drugs at all levels of the public health facilities and with support from the Uttar Pradesh Technical Support Unit (UP TSU), a unit implemented by IHAT in partnership with the University of Manitoba, Canada, studied public health supply chain models deployed across various states in India to identify an efficient solution for UP's public health supply chain. Accordingly, in March 2018, the Uttar Pradesh Medical Supplies Corporation (UPMSC) was incorporated as an independent corporation with clearly defined goals to undertake centralized procurement and management of essential drugs, equipment and medical supplies.

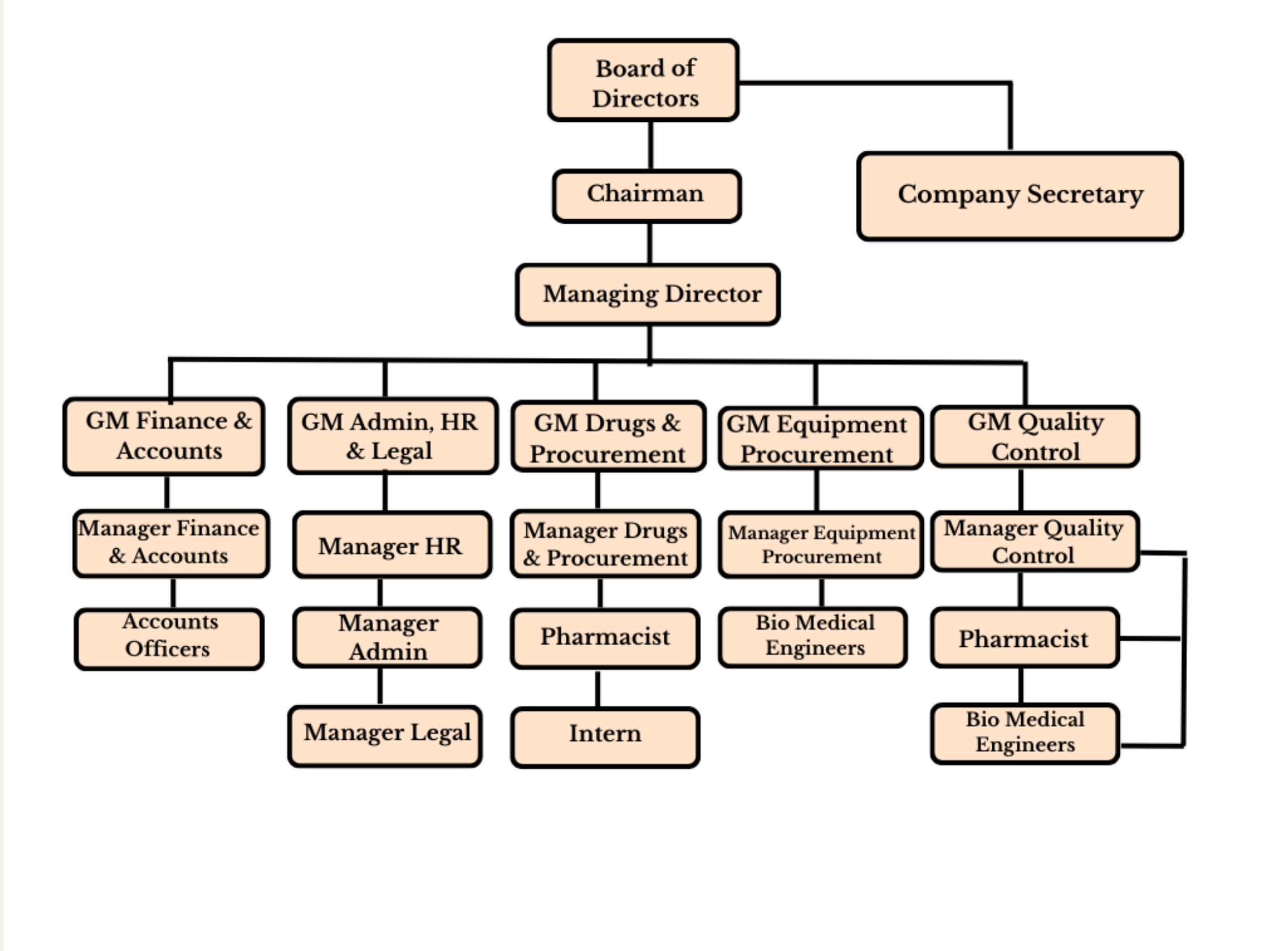
VISSION & MISSION

MISSION- Our mission is to improve the health of the people and we serve with a commitment to excellence in all that we do. Our mission is to improve the health of the people and we serve with a commitment to excellence in all that we do.
VISSION- To meet the dynamic needs of state health. Tt strives to maintain the adequate availability of drugs, equipment and other consumables at warehouses by obtaining best procurement procedures.

ORGANOGRAM OF IHAT-UPTSU



ORGANOGRAM OF UPMSCL



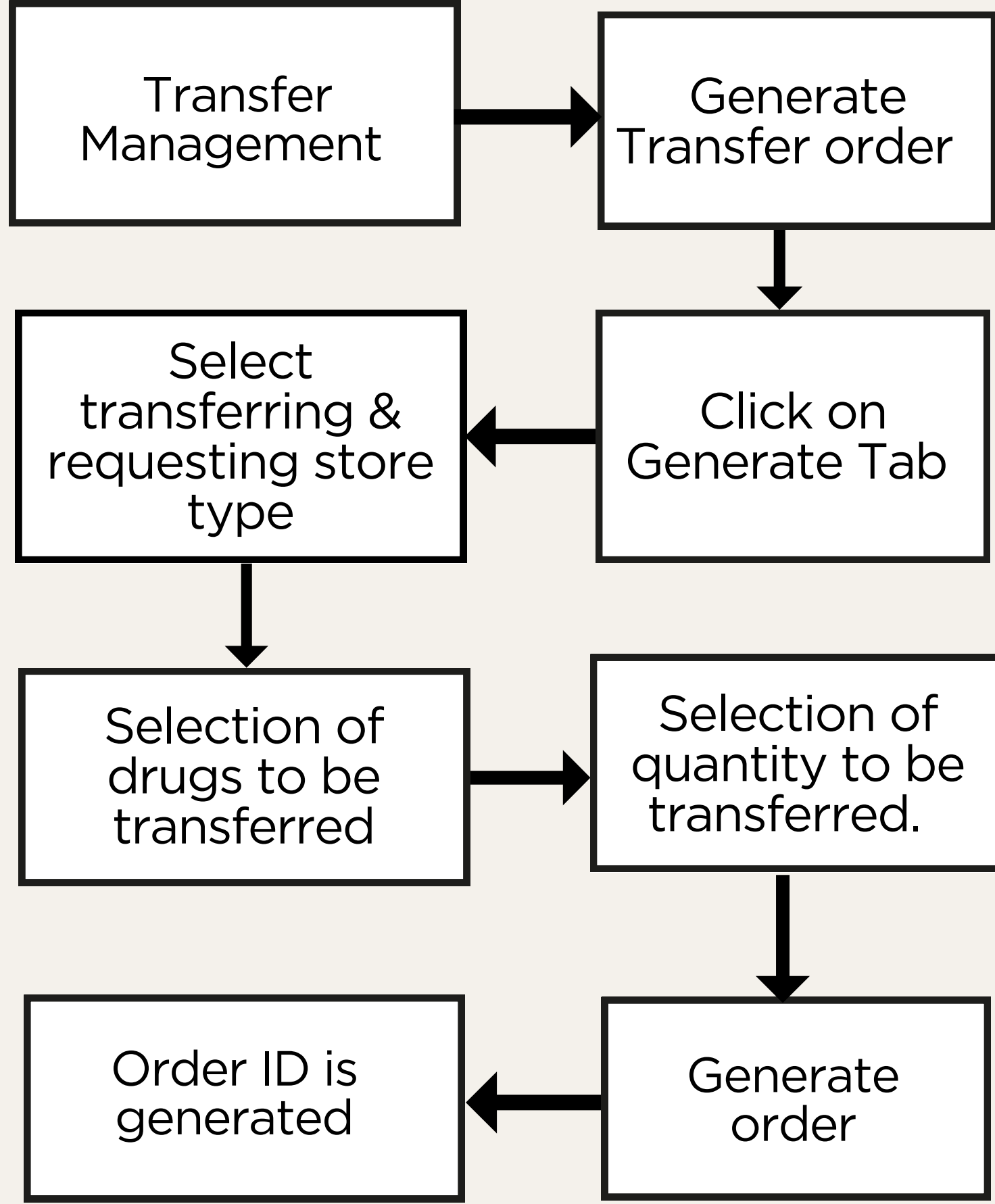
OBJECTIVE

- To develop an online tool software to optimize and streamline the stock through inter-warehouse transfer process of drugs with following objectives-
- 1. Ensure highest availability of drugs in all 75 warehouses where it is deficit as per consumption.
 - 2. To make drugs available in minimum time.
 - 3. To reduce excess inventory of drugs as per consumption.
 - 4. To minimize near expiry of drugs.

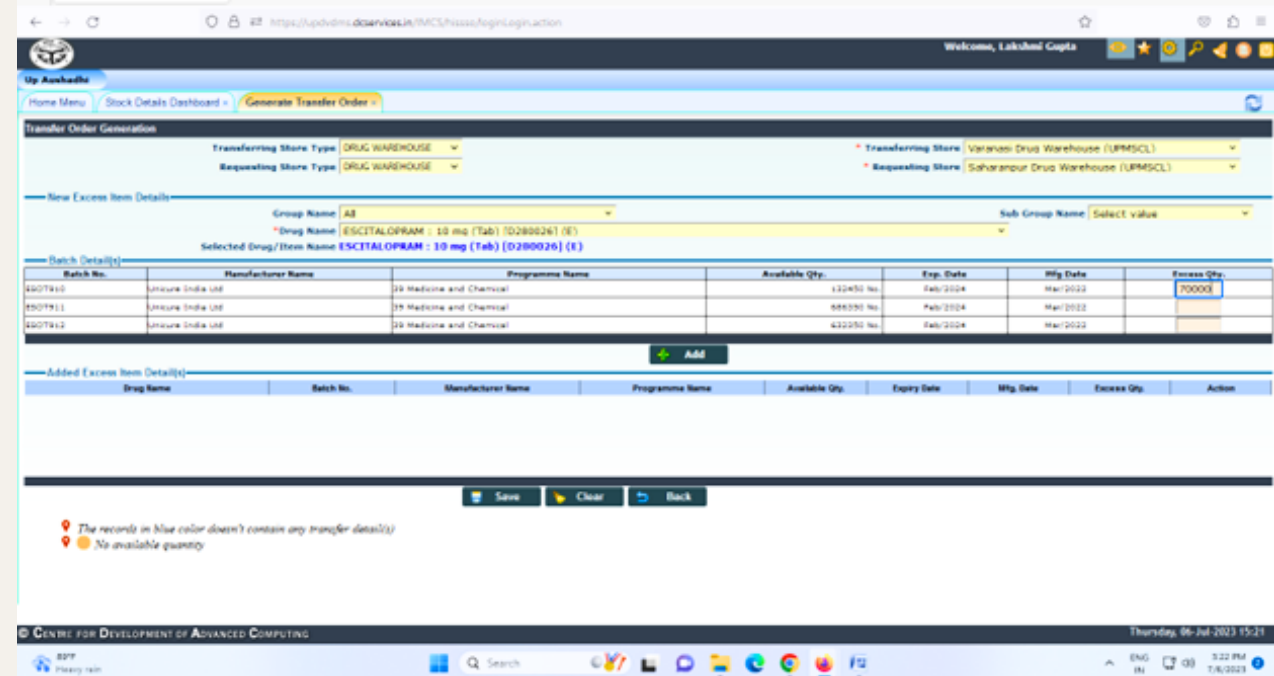
INTER WAREHOUSE TRANSFER (IWT)

Inter warehouse transfer of drugs refers to a process of transportation drugs from one warehouse to another warehouse to manage inventory and meet distribution needs. It is vital for maintaining a steady supply of drugs and ensuring maximum availability of drugs (EDL) to all the warehouses in minimum time

PROCESS FLOW OF IWT IN DVDMS PORTAL



SNAPSHOT OF IWT PORTAL IN DVDMS



INTER WAREHOUSE TRANSFER TOOL

Inter Warehouse Transfer Tool helps to generate a path for transfer of drugs between the warehouses. It selects the nearby warehouses with excess/deficit quantity of drugs and creates transfer path. This makes it easier to identify the nearest warehouse for transfer of drugs which saves transit cost and transit time.

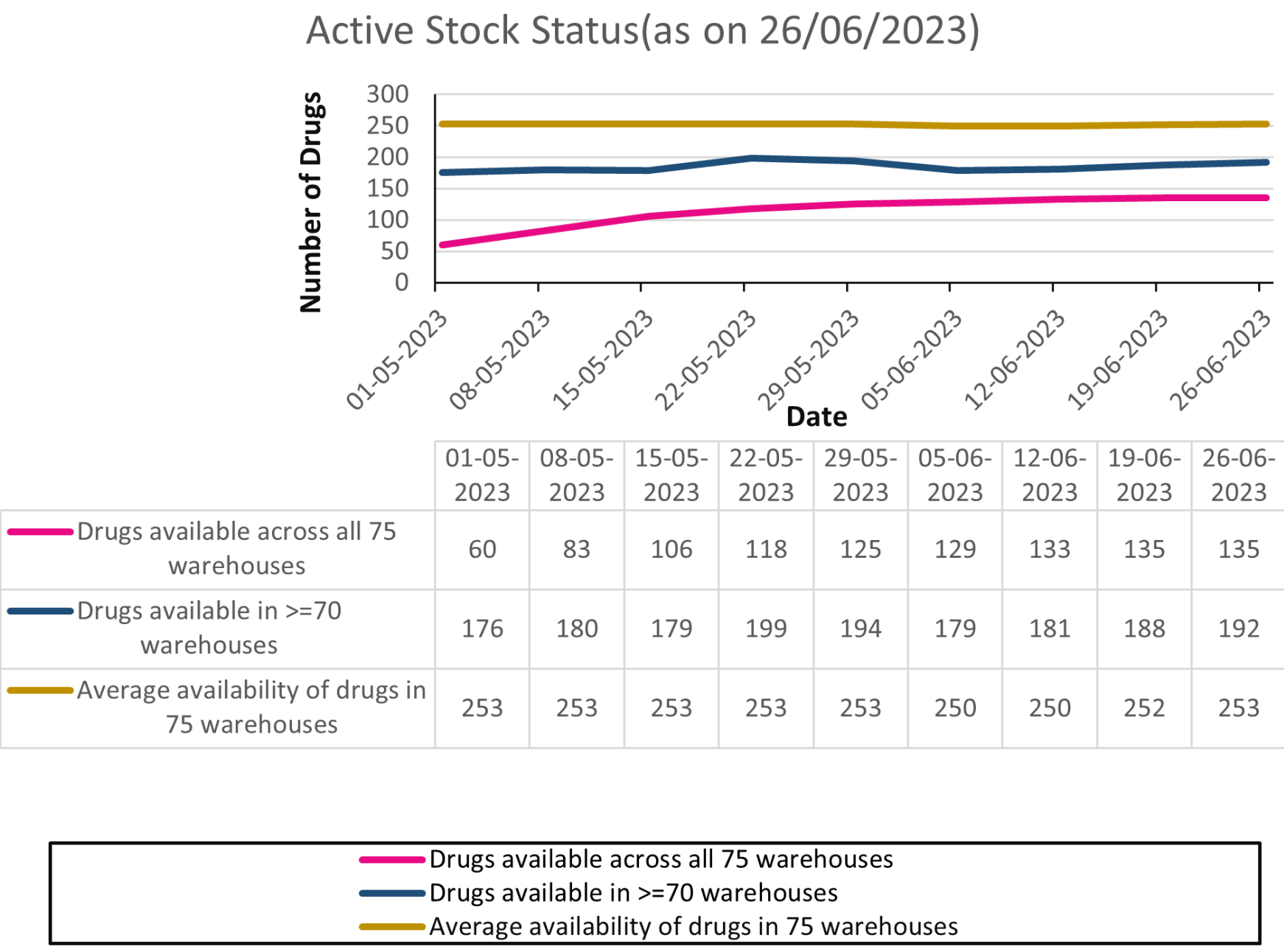
DATA REQUIREMENTS

- Average Monthly Consumption (AMC)
- Total Stock
- Geo coordinates (Distance)
- Quantity per Box Mapping

PROCESS FLOW

- Deficit from nearest excess
- Excess from nearest deficit
- Path

FINDINGS



CONCLUSION

The Inter warehouse transfer of drugs using a tool helps to increase the availability of drugs in all 75 warehouses without any new transportation cost. The tool optimizes the transfer workflow, eliminating manual paperwork. The tool reduces the risk of errors and ensures timely transfer of near expiry drugs and reduces wastage, minimizing the chances of stockouts or overstocking and improves overall supply chain performance.

SWOT ANALYSIS

STRENGTHS

- 1.Increased Availability of drugs at 75 warehouses.
- 2.Reduced expiry and wastage of drugs.
- 3.Enhanced Accuracy as compared to manual transfer.
- 4.User friendly

WEAKNESS

- 1.IWT not possible incase of less ordered quantity.
- 2.Not possible for drugs which have been supplied in excess quantity and also near expiry with low consumption pattern.

OPPORTUNITIES

- 1.Improved Supply Chain Efficiency
- 2.Integration to inventory management system
- 3.·Expansion of Warehouse space
- 4. Customization and Expansion to include additional features in IWT i.e. GPS Tracking, etc.

THREATS

- 1.Breakage/Leakage of injections and syrups during transportation.
- 2.Technological Advances and competition.

USEFULLNESS

Industry Exposure

Exposure to the industry and to understand the dynamics of supply chain and procurement functions in public sector. Helped to observe and learn from professionals, gaining insights into industry best practices, trends, and technologies.

Skill Development

Provided a platform to develop and enhance a range of skills essential for supply chain and procurement management such as negotiation, supplier management, data analysis, inventory management.

Resume Building

Having relevant internship experience in supply chain management and procurement management adds significant value to one's resume. It demonstrates practical experience, industry exposure, and a commitment to professional growth, making them more competitive in the job market.

PROCESS FLOW OF IWT TOOL

