



Graduation Project

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Batch : 2016-2020

Project Brief

- **Topic** : Reduction of delay at **Pre-production**
- **Organisation** : **IMARA**, Universal Sportsbiz Pvt. Ltd.
- **Duration** : 14 weeks

Objectives

Secondary

i

Find out their reasons and propose an effective feasible solution for the same.

ii

To analyze merchandising, sourcing & pre-production process at IMARA.

iii

Understanding the work culture of different departments, occurrence of delays and their magnitude.

Primary

Reduction of delay at
Pre-production stage.



Methodology

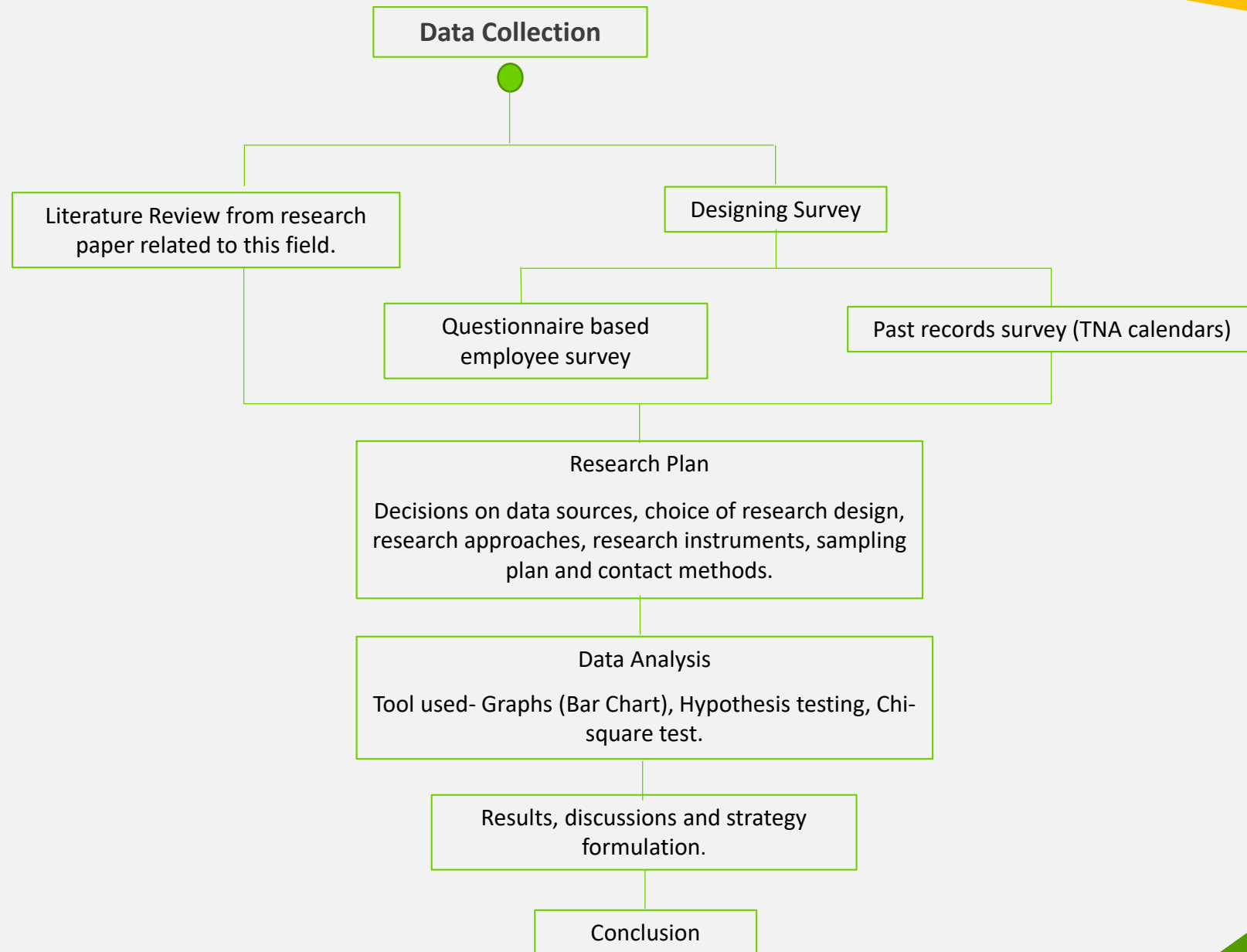
**Problem
Identification**

**Developing
Research Plan**

**Information
Collection**

**Information
Analysis**

Conclusion



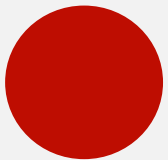
Problem Areas



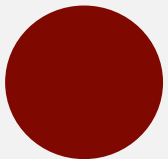
The MS-Excel sheet was not used for any analysis or decision making.



Improper follow-ups & lack of update



Improper prioritisation of styles



Internal and external information transmission lapse

Limitations of IMARA's TNA Sheet

ii

No proper Fit-sample
submission date.

iv

Improper color distribution

i

No actual vendor
delivery date.

iii

No Update On-time.

v

Difficulties in reading for
another merchandiser/person.

conclusion

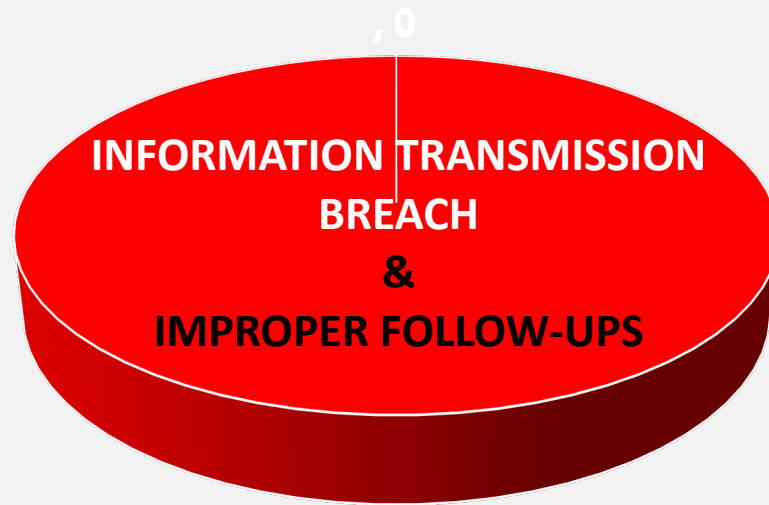
Unorganised excel sheets, not necessarily filled
on-time and acted upon, ineffective tracking and
communication leading to delays.

Area of Focus

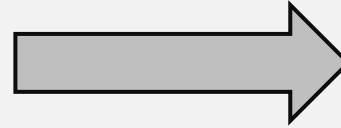
Sourcing
Department

Recommendation & Suggestion

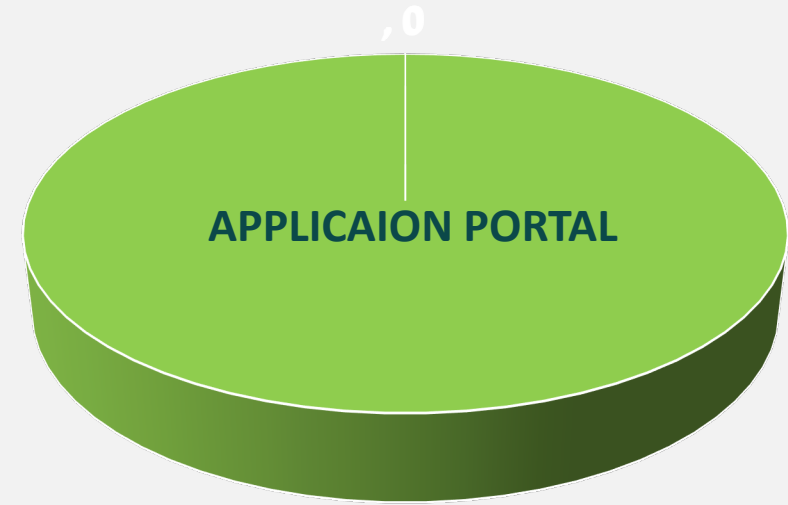
PROBLEM



- OLD EXCEL SHEET
- IMPROPER FOLLOW-UPS
- UNORGANISED TABLES
- LACK OF UPDATE
- DIFFICULTY TO TRACKING



SOLUTION



- CLIENT APPLICATION USING VISUAL BASIC
- MS ACCESS FOR DATABASE
- ALL GARMENT/VERNDOR DETAILS
- INCLUDES TNA CALENDAR
- EASY TO TRACK STYLES

Facilitate easy monitoring

Scope of improvement in lead time

Features & Benefits (New System)

Providing Visibility from allocation to delivery

Provide clear priorities

Reflects current performance including any slippage

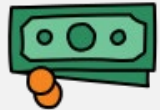
Actual v/s Planned (Cross –Checking)

Conclusion

The comparison between the two system can be understood best based on the four categories:



❑ **TIME** - The proposed system will take less time to add/update data. It will also help in easy tracking of existing data. It will reduce delays and ultimately the lead time.





❑ **MONEY** - The amount of money spent will be minimal when it comes to making of the application, training the user, setting up and implementation.



❑ **MANPOWER** - Manpower will remain constant but the manual work will be easier.



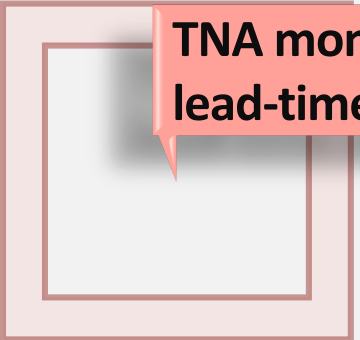
❑ **EFFICIENCY** - The proposed system will be highly efficient than any normal excel based tracking and it also acts as an effective communication platform



Internal survey helped in identification of on-time delivery failure reasons and style preferences.




Tracking would result in improvement of Communication and feedback with Vendors




TNA monitoring results in reduction of lead-time of the entire supply chain.



Expected Benefits



Facilitate monitoring of existing relationship with vendors by easy tracking of PO.



The problems in failure of lead time can be further investigated.



The formats and layout can be updated and standardized further.



Application layout for Vendor can be also added.



The identification of further problem can be added in the Application for further easier monitoring.



In-app notifications can be also added if needed for real time updates.



Mail service via application can also be added

scope





Arpit Raj

Team



Rishika
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