TRACING THE GROWTH OF THE GLOBAL COMMUNITY: A POPULATION FORECASTING ANALYSIS

POPULATION FORECASTING ANALYSIS
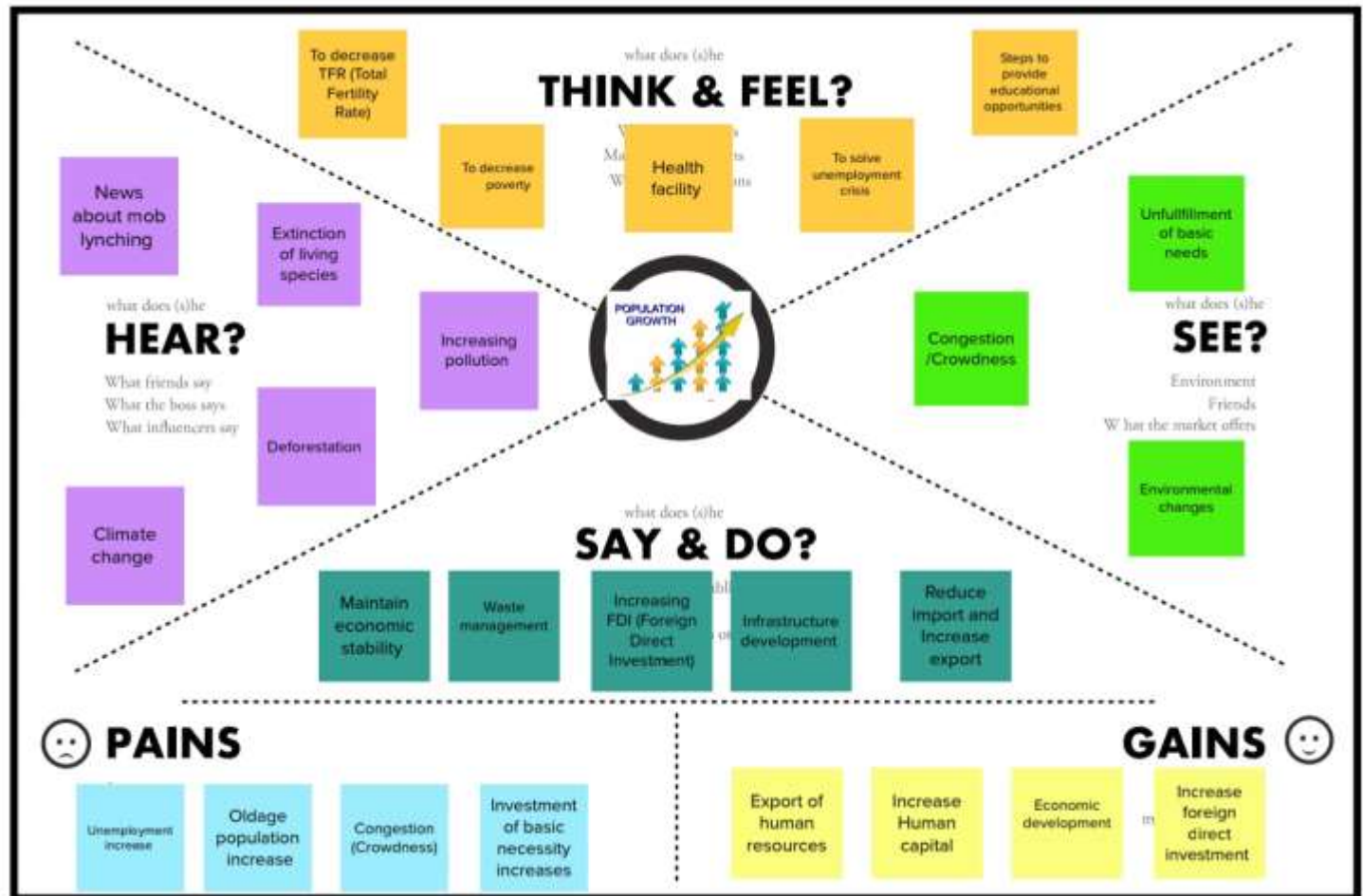
- INTRODUCTION
- PROBLEM DEFINITION & DESIGN THINKING
- ADVANTAGES & DISADVANTAGES
- APPLICATIONS
- FUTURE SCOPE
- APPENDIX
- CONCLUSION

HOW TO DECREASE THE POPULATION?

The Population of increased by Births, decreased by Death, increased by Migration and increased by Annexation. This all four factor effect the change in Population. The correct present and past population can be obtained from census of office.

EMPATHY MAP

THINK & FEEL?

- To decrease TFR (Total Fertility Rate)
- To decrease poverty
- Health facility
- To solve unemployment crisis
- Steps to provide educational opportunities

What does (s)he **HEAR?**

What friends say
What the boss says
What influencers say

- News about mob lynching
- Extinction of living species
- Increasing pollution
- Deforestation
- Climate change

POPULATION GROWTH

What does (s)he **SEE?**

Environment
Friends
What the market offers

- Unfulfillment of basic needs
- Congestion /Crowdness
- Environmental changes

What does (s)he **SAY & DO?**

- Maintain economic stability
- Waste management
- Increasing FDI (Foreign Direct Investment)
- Infrastructure development
- Reduce import and Increase export

☹ **PAINS**

- Unemployment increase
- Oldage population increase
- Congestion (Crowdness)
- Investment of basic necessity increases

GAINS ☺

- Export of human resources
- Increase Human capital
- Economic development
- Increase foreign direct investment

Designed by

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BRAINSTORMING

1

HOW TO DECREASE POPULATION?

The population of increased by births, decreased by death, increased by migration and increased by annexation. This all four factor effect the change in population. The correct present and pass population can be obtained from census of office.

PROBLEM

How might we [your problem statement]?

If possible, be visual.

2

Key rules of brainstorming
To run an smooth and productive session

Stay in topic.   Encourage wild ideas.

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

⏱ 10 minutes

Person 1

Person 2

Person 3

Person 4

Person 5

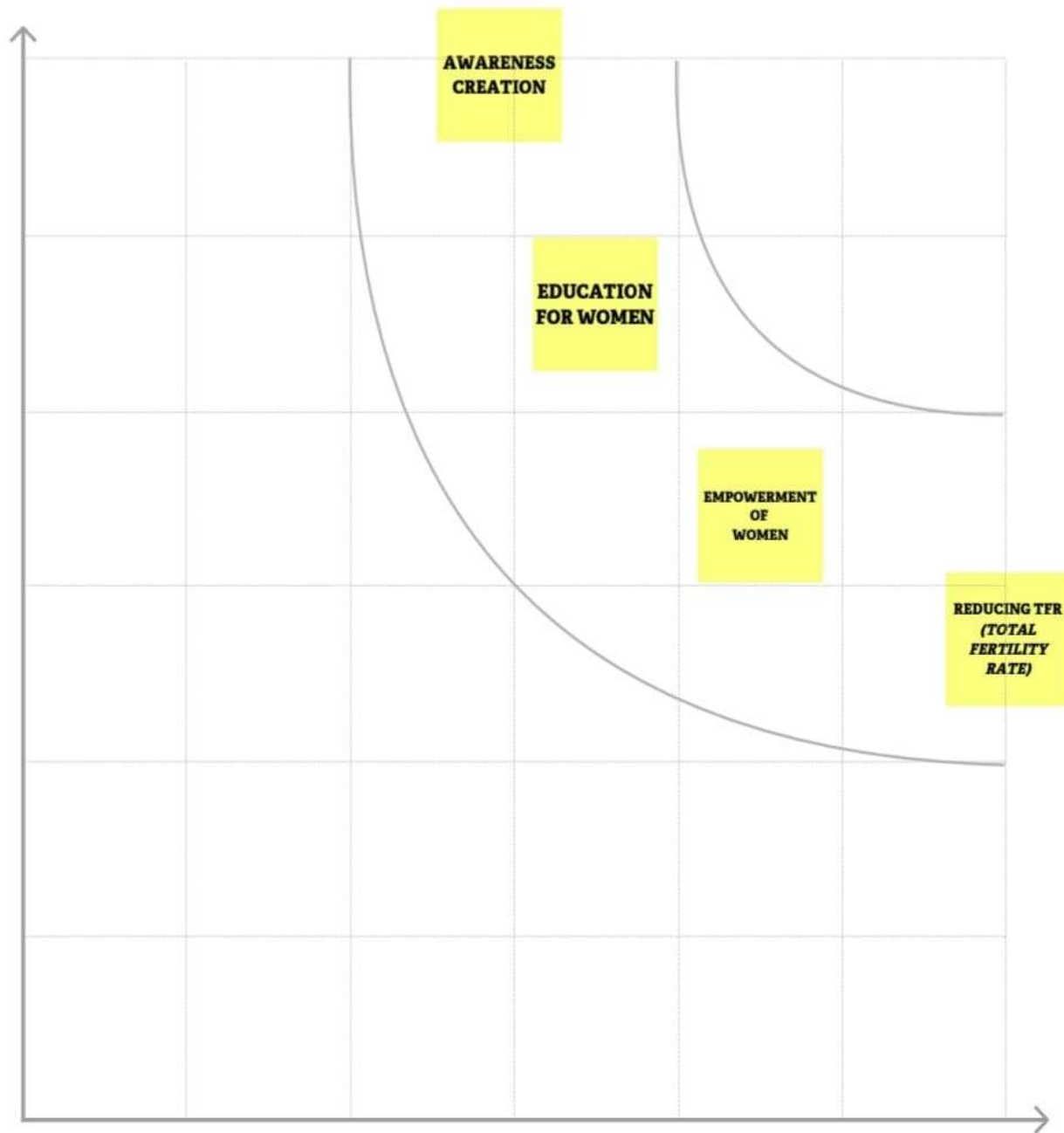**Person 6**

Person 7

Person 8

③

Group ideas

*Awareness
*Education for women
*Empowerment of women
*Reducing TFR (Total Fertility Rate)
⏱ **20 minutes**

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

AWARENESS CREATION

EDUCATION FOR WOMEN

EMPOWERMENT OF WOMEN

REDUCING TFR (TOTAL FERTILITY RATE)

OVERVIEW

❖ Population forecasting analysis is a process of estimating the future size and composition of a population. It involves analyzing demographic data, such as birth and death rates, immigration and emigration levels, social and economic factors that may affect population growth.

❖ It various factor like

Age

Fertility

Mortality

Migration

Education

DISADVANTAGE OF POPULATION

- ➢ Ethical Dilemmas
- ➢ Uncertainty
- ➢ Complexity
- ➢ Bias
- ➢ Inaccuracies

APPLICATIONS

- ➢   Healthcare Planning
- ➢   Education Planning
- ➢   Urban Planning
- ➢   Environmental Planning
- ➢   Economic Planning

FUTURE SCOPE

- Advances in technology and data availability
- Changing demographics
- Climate changes
- Migration and Urbanization
- Global Health Concerns

APPENDIX

- Historical population growth trends
- Population forecasting models
- Data sources
- Case studies
- Limitations and challenges
- Future research directions

CONCLUSION

- Population Forecasting Analysis plays an essential role in predicting the growth of population and its implications on various aspects of society.

- It is a valuable tool that helps policymakers and organizations plan for the future by forecasting trends, identifying patterns, and modeling potential outcomes.

- By understanding the drivers of population growth, we can design strategies and policies to mitigate its negative impact on the environment, health care, education, urban planning and economics.

- Its enable us to make informed decisions that promote sustainable development and embrace demographic changes that are essential for a healthy, prosperous and equitable society.