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Solving Student Migration Issues in Interstate

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ABSTRACT: States migration is an ever- growing phenomenon that has important development implications for both sending and receiving states. This paper sheds light on the issue of internal migration for education among the youth. i.e. those aged 15-32 years. The paper is a first step towards addressing the issues of accommodation, Finding schools, colleges, cinema hall, ATM, Hospital. In proposed application, system can recommend students what he searches for in the new city. User can see schools, colleges, cinema hall, ATM, Hospital on map with his current location. User can get counseling related information. User can communicate with the people who came from his state by sending a request. Adapting to a new environment is often challenging, and international students are known to face many difficulties as they move to their host countries in pursuit of education. Problems commonly encountered include loneliness and homesickness, financial stress, culture shock, discrimination or racism, and language difficulties, as well as anxiety and depression. Not only challenges faced by international students lead them to depression, these problems also affect their academic outcomes. To overcome these we develop the system that will be user friendly

KEYWORDS: Social Media, Social Network, Student Migration

I. INTRODUCTION

Migration trend is increasing; a significant discrepancy in migration pattern is noticed across gender. There occurs a continuous increase in female migration since 1983 where as a decline in male migration trend except between 1993 & 1999/00 is noticed and it is more pronounced in rural area. Overwhelming evidence shows that there is dominance of short distance migration. However, it appears this trend is also slowly changing in the country at least among urban migrants. States migration is an ever- growing phenomenon that has important development implications for both sending and receiving states. Adapting to a new environment is often challenging, and international students are known to face many difficulties as they move to their host countries in pursuit of education. There are many problems encountered when a person is away from home and there is work pressure piled up on. They include loneliness and homesickness, financial stress, culture shock, discrimination or racism, and language difficulties, as well as anxiety and depression. These hinder in their daily work and education. Mental health is as important as physical health. To overcome these we develop the system that will be user friendly.

A. Background:

Students that have migrated from one state to another state have to face many problems to find things.. In the Short-Term International Migration (STIM) estimates methodology, separate methodology documents for the national estimates and for the local authority estimates, as well as frequently asked questions. And that's why it's take lots of time. Mostly the main problem is accommodation and mess. It will be good to have company from their own state as they will be comforted. Language could also be a problem.



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II. REVIEW OF LITERATURE

1. Internal Migration for Education and Employment among Youth in India S Chandrasekhar, Ajay Sharma
Indira Gandhi Institute of Development Research (IGIDR) General Arun Kumar Vaidya Marg Goregaon (E),
Mumbai- 400065, INDIA

To find an age, specific attendance ratio is calculated by dividing the number of person in a particular age group. Migration is mostly Rural-to-urban

2. Lee, E.S. (1966); *A theory of migration, Demography* 3, 47-57

.According to Lee (1966), migration is selective in terms of age and sex i.e. not everyone migrates, only a selected proportion of population in selective age groups migrate. The heightened propensity to migrate at certain stages of the life cycle is important in selection of migration.

3. Impact of Migration on Economic and Social Development: A review of evidence and emerging issues

Impact of migration on climate change, political institutions, fertility and national security

4. "Regional Disparity and Youth Migration in India" Soumi Mukherjee and Dr. K.C. Das IIPS, Mumbai

To study the migration of people for a particular amount of time. To study Sex ratios of migrants, reasons for migration are work/ employment, business, education, marriage, moved with house hold.

5. The Changing Pattern of Internal Migration in India Issues and Challenges, Sandhya Rani Mahapatro1

This paper is an attempt to understand the emerging migration patterns in India and issues underlying it. With globalization, urbanization and accompanying changes in socio-economic conditions, migrants are attracted to urban areas in recent times. A steady increase of urban migrants in lower economic class indicating migration is dominated by poorer sections. This finding is completely different from the last NSS round where a direct relation between economic status of the individual and inclination to migration has been noticed.

III. SYSTEM OVERVIEW

A. Problem Statement:

Youth student often migrate from one state to another state within which they face some issues. To solve the issue of internal migration for education among the youth we are going to propose solution.

B. Objectives

- Provide all information of one city that is hotels, mess, ATMs, hospitals, etc.
- If students come from different state then suggest him friend from that state so he/she can easily communicate.
- All tutors and counselors are also provided.
- FAQ add for the any common queries to all.

IV. SYSTEM ANALYSIS

Proposed system is a first step towards addressing the issues of accommodation, Finding schools, colleges, cinema hall, ATM, Hospital. In proposed application, system can recommend students according to his profile. User can see schools, colleges, cinema hall. User can get counseling related information and can communicate with people from his state.

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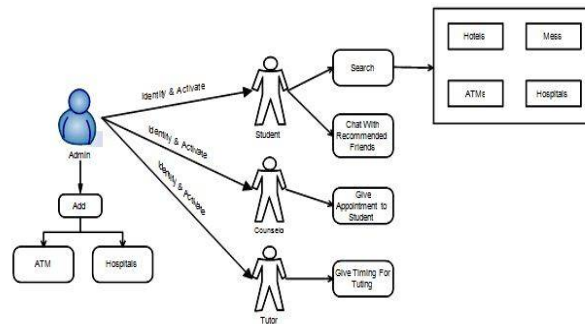


Fig 1: Proposed System Architecture

A. ALGORITHM

1. Levenshtein Distance Algorithm

We are using this algorithm to match query entered by the user with available data in database. It calculates the distance between user query and available data in system and then it clusters the data and recommends it to user.

Input: city name

Output: Recommended friends according to the city entered.

Steps:

1: Set n to be the length of s.

Set m to be the length of t.

If n = 0, return m and exit.

If m = 0, return n and exit.

Construct a matrix containing 0...m rows and 0...n columns.

2: Initialize the first row to 0..n.
Initialize the first column to 0..m.

3: Examine each character of s (i from 1 to n).

4: Examine each character of t (j from 1 to m).

5: If s[i] equals t[j], the cost is 0.
If s[i] doesn't equal t[j], the cost is 1.

6: Set cell d[i,j] of the matrix equal to the minimum of:

a. The cell immediately above plus 1: d[i-1,j] + 1.

b. The cell immediately to the left plus 1: d[i,j-1] + 1.

c. The cell diagonally above and to the left plus the cost: d[i-1,j-1] + cost.

7: After the iteration steps (3, 4, 5, 6) are complete, the distance is found in cell d[n,m].



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B. EXPERIMENT RESULTS

In the result analysis of proposed system describes two method as follows,

In the result below we have shown the number of migrated students in that city. So we can check how many students are getting education in that particular city.

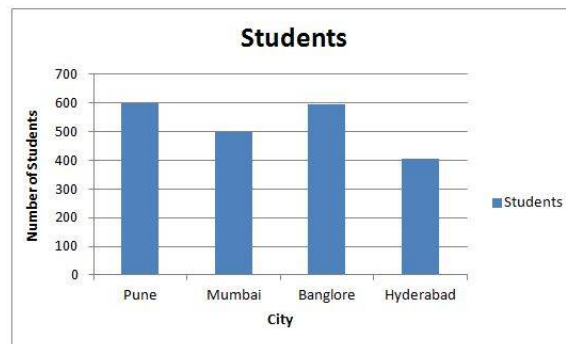


Figure 2: Graph for Migrated Student

City	Number of Student
Pune	600
Mumbai	500
Bangalore	595
Hyderabad	405

Table 1: Migrated Students

V. CONCLUSION

In proposed system we focused on solving inter-state students migration problem. Facilities like counselor recommendation, chatting with friends, basic amenities are easily available. It makes the student feel home while away from home. The system will be user friendly. For future work, system can develop for country to country migration.

FUTURE SCOPE

For future work, system can develop for country to country migration. Also new parameter can be added according to students needs.

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4. The Changing Pattern of Internal Migration in India Issues and Challenges Sandhya Rani Mahapatro1
- 5.international journal of education volume 4, number 1, 2016 Issues and Trends of International Students in the United States