



# **REFUGEE AID MANAGEMENT SYSTEM**

# INTRODUCTION

- We as a team had a common interest to work on social issues which will make an impact on people and society.
- The topic chosen is with a thought of developing an application for helping the refugees with their basic problems.

The background is a grayscale aerial photograph of a dense urban area with numerous skyscrapers. Overlaid on this is a graphic consisting of a green rectangle on the left and a white rectangle on the right, separated by a thick black L-shaped line. The text 'PROBLEM STATEMENT' is centered in the white rectangle.

# **PROBLEM STATEMENT**

- The purpose of this project is to provide aid to people who are affected during civil wars/ natural calamities so they have no resources with them.
- These destructed areas have a scarcity of food, medical aid, shelter. It is a humanitarian act to help such mentally and physically affected people.
- These people become refugees due to such problems and accommodating them in other countries via immigration becomes important.
- For example, the current civil war in Syria which is going on since 7 years has caused a lot of destruction mainly affecting its citizens.





## APPROACH

- We will be developing a Refugee Aid Management System application that will help the affected people to get the resources (food, shelter, medical aid). The organization employees will register for the refugees who are willing to migrate to different countries. Later this data is handed to a particular embassy which further verifies for the refugee and then this data is sent to the immigration office of the other country.
- There is another Aid organization which sends request to different NGOs for the rescue. Here NGOs from different countries can communicate with each other.
- This application will be a swing application to simulate how Refugee Aid Management System works for destructed countries.

# OBJECT MODEL

## For Refugee Aid System





## Functionalities

- Refugee Registration Screen
- Manager Login Screen
- Manager Screen to send request Embassy
- Checking Screen to check received refugee data from UNO
- Approval Screen to send data to immigration office
- Visa officer Screen to Reject/Approve Immigration



## Additional Functionalities

- Serialization and Deserialization
  - Used for Refugee details
- Google Maps
  - To show current location of NGO receiving request
- Graphical Representation using Pie Charts
  - Representing number of immigrants in particular country
  - Representing percentage of countries approving immigration request
- Pdf Generation
  - Generated with Refugee Details

# USECASES

1. Registration for Refugees
2. Processing Aid Request
3. Analysis of data and generation of refugee details





# USECASE FOR REGISTERING REFUGEES

1. Employee of registration organization under UNO enterprises registers refugees.

User Name

SyriaUNOrg

Password

\*\*\*\*\*

Login

Logout

Welcome To New Registrarion Work Area

DETAILS

Name

robin

Age

23

Gender

☒ Male ☐ Female

Migration Country

Iraq

Father's Name

sharma

Mother's Name


priyanka

No of Child

2

<< Back

Submit



Upload Image

## 2. Employee of Manager Organization under UNO enterprise will send details to the particular embassy to which refugee wants to migrate.

User Name  
SyriaUNOmg  
Password  
\*\*\*\*\*  
Login  
Logout

Welcome To Manager Work Area

Sno	Refugeeid	Migrationcountry	status
1	37ada52a-9256-478c-8db1-87771a021409	Canada	approved
2	92a33be4-9d60-4bfc-bc2c-acb45e037d0d	Iraq	sent to embassy
3	dd09e9b4-4922-42bb-90a9-60d1dc092e9	Australia	sent to embassy
4	c09c49ad-f127-41da-91c5-2848ac3c75b0	Iraq	approved
5	61f36ef411-4217-9143-d09b681034a	Germany	sent to country
6	59061f9e-a38e-4672-aede-913cab6d90df	Tuney	Manager Received
7	3dec9ed8-51b8-4ae5-95b0-49a90f280167	Canada	approved
8	172c7aa7-96ab-4289-a7d0-00c509f5792	Germany	approved
9	5c5b1ad6-78d8-4f76-aeb1-b7b956ea02f	Australia	sent to embassy
10	e7e6a9e8-9d8d-4d4a-9249-d297982f3c6b	Australia	approved
11	02249e07-7da0-4f76-9581-e67a4d65d442	Iraq	approved
12	106b0f75-aaa3-488c-89cc-5e744f02d8d	Canada	Manager Received
13	c297739e-8ab7-405c-a206-02226f00ac2	Tuney	approved
14	a0a37cb-48f3-49c0-9d43-9cc54fc5e401	Iraq	Manager Received
15	57f19bda-3800-4a52-95e6-085f037c5ff	Iraq	approved

Assign To MeSee DetailsSee AnalysisSend >>

3. These details are received by Approval organization under embassy enterprise of that particular country.

4. Further these details are sent for checking organization of the same embassy

5. Now the embassy will send the details to the immigration office of that country.

User Name

SyriaCanadaEMBap

Password

\*\*\*\*\*

Login

Logout

Welcome To Send Approval Work Area

Sno	Refugeeid	Migrationcountry	status
1	37ada62a-9256-478c-8db1-87771a021409	Canada	approved
2	3dec9ed8-51b8-4ae5-95b0-f9a90f280167	Canada	approved

Receive

See Detail

Send To Checking >>

Send To Country >>>

## 6. The immigration officer will approve/decline the request.

User Name

CanadaIOof

Password

\*\*\*\*\*

Login

Logout

Welcome To Officer Work Area

Sno	Refugeeid	Migrationcountry	status
1	3dec9ed8-51b8-4ae5-95b0-f9a90280167	Canada	approved
2	37ada62a-9256-478c-8db1-87771a021409	Canada	approved

Receive

See Details

Decline

Approve

# USECASE FOR PROCESSING AID REQUEST

1. The Aid Request Organization in UNO enterprise will send request for aid to different NGOs

User Name

SyriaUNOar

Password

\*\*\*\*\*

Login

Logout

Welcome To Aid Request Work Area

Help For People :

Address:

Send Request

Sno	Request	Status	ngo
1	100	approved	SyriaNGO1mg



## 2. NGOs can contact different NGO in same or another network

User Name  
SyriaNGO1mg  
Password  
\*\*\*\*\*  
Login  
Logout

Welcome To Ngo Manager Work Area

Resources Available : 900

Sno	Person	Status	request sender
1	100	approved	SyriaUNOar
2	200	sent to Ngos	SyriaNGO2mg
3	100	sent to Ngos	SyriaNGO2mg
4	50	sent to Ngos	SyriaNGO2mg
5	150	sent to Ngos	CanadaNGO1mg

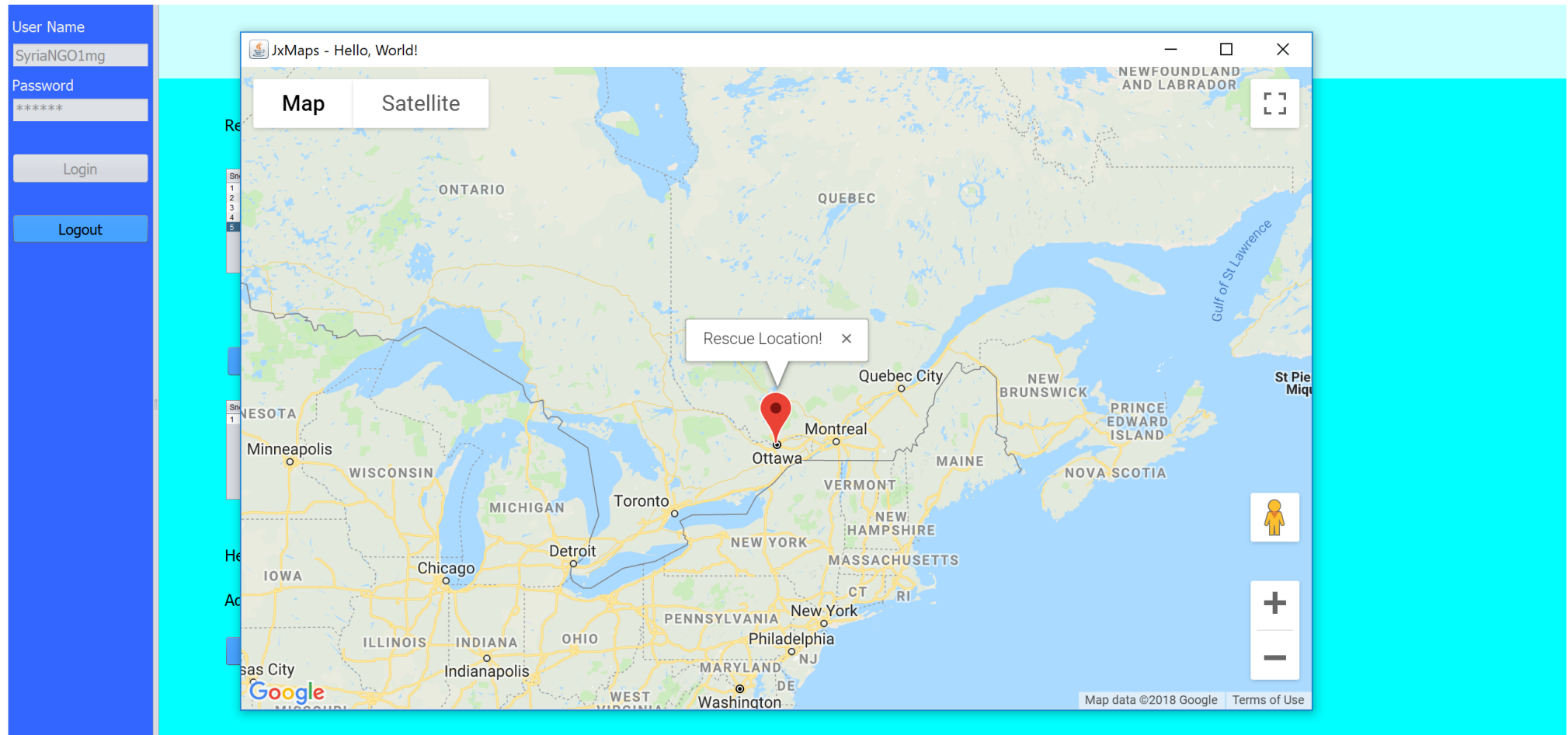
AcceptDeclineReceiveSee Map

Sno	person	status	Ngoreceiver
1	50	sent to Ngos	

Help For People :  
Address:

Request Other Ngo >>Request Other Countries Ngo >>

### 3. NGO can view locations from where the request is coming from

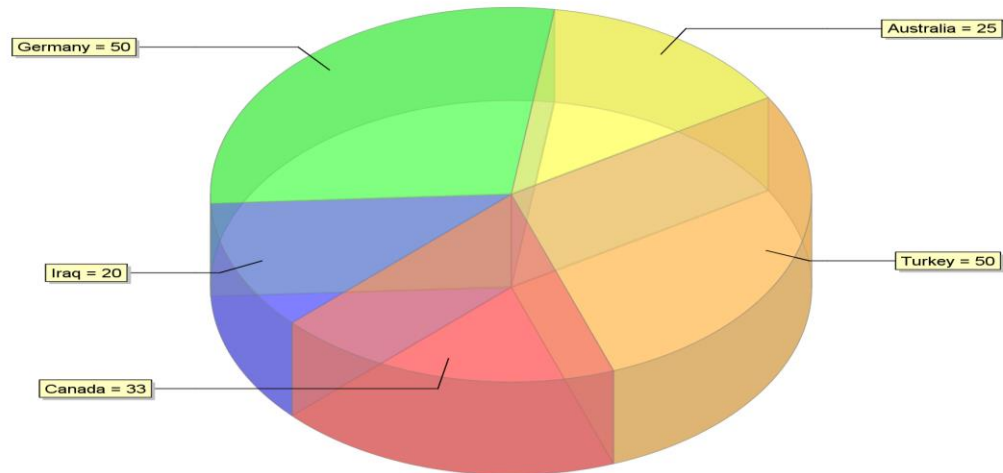


# USECASE FOR ANALYSIS OF DATA AND GENERATION OF REFUGEE DETAILS

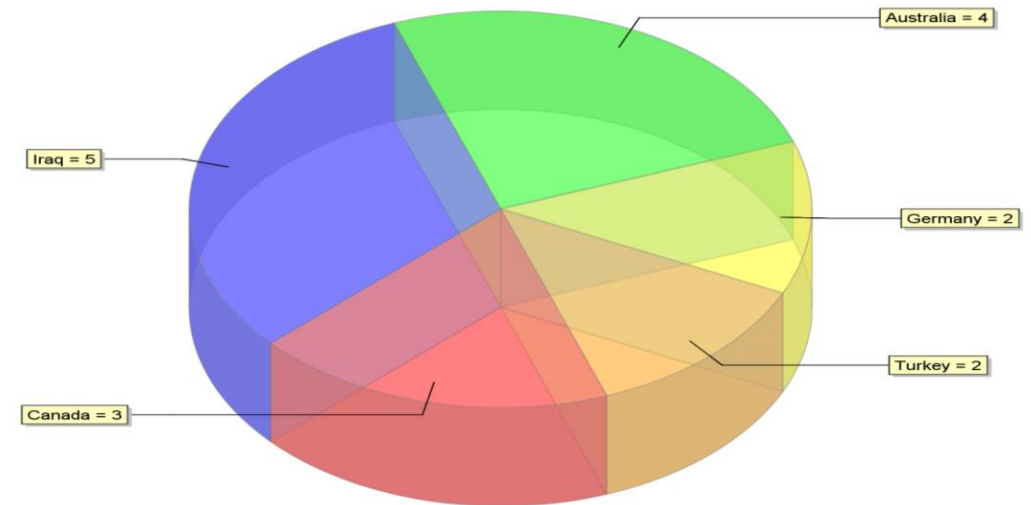
1. UNO manager of the country can analyze data for percentage of approvals in a country and number of immigrants in a particular country for future analysis.

Analysis

Approved Percentage From Countries



Number of Applications To Countries



## 2. Pdf can be generated for registered refugees

### Refugee Details

Refugee Id :1b6b8f75-aaa3-488c-89cc-57e744f02d8d

Name :kshitij

Age :23

Gender :Male

Father's Name :arzoo

Mother's Name :neha

No of Children :1



# FUTURE SCOPE

- Volunteering functionality can be included
- Can be deployed as a web application or an android application
- More entities can be included like education, counselling, jobs for the refugees



# REFERENCES

1. <https://refaid.com/>
2. <https://www.youtube.com/watch?v=2852BXYimj4>
3. <http://www.vogella.com/tutorials/JFreeChart/article.html>
4. <https://www.geeksforgeeks.org/serialization-in-java/>
5. [https://www.tutorialspoint.com/java/java\\_serialization.htm](https://www.tutorialspoint.com/java/java_serialization.htm)



**THANK YOU**