

# AAROGYA

**Aarogya** is a web & mobile application which is used to facilitate and track **referrals** of children with **SAM** (Severe Acute Malnutrition) to **NRC** (Nutrition Rehabilitation Centres).  
With help of it we can also provide **real-time bed** availability.

If needed it can provide **training** to users to identify malnutrition in children.

**ORGANISATION NAME :** IndiaNeoDesigns

**PROBLEM STATEMENT :** Referral of Severe Acute Malnourished (SAM) children

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**COLLEGE CODE :** 1-3509530884



# AAROGYA

## Why?

### WHY THE PROBLEM IS ARISING ?

Malnutrition is a problem which is affecting tribal and rural as well as urban areas.



In rural and tribal areas children did not get enough nutritious food due to poverty and lack of food supplies. and lack of awareness is also a reason. Even in urban areas we find children are suffering from SAM. (Severe Acute Malnutrition)

In fact government is providing many facilities (NRC) to eradicate it. But due to lack of proper tools this facilities are unreachable to a lot of needy child.

## What?

### WHAT WE CAN DO ?

We can develop a tool which can track children suffering from SAM with the help of society.

This information can be sent to the NRC's so they can do treatment of such children.

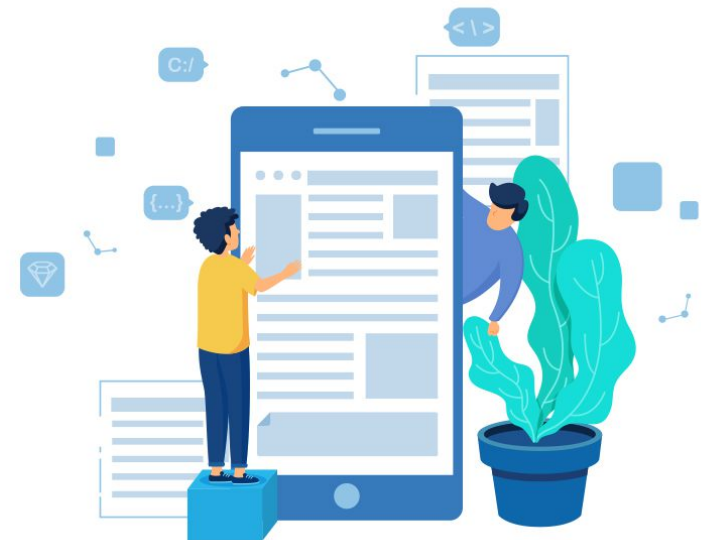
We can also store all this data for analysis purpose.



## How?

### HOW WE WILL SOLVE THE PROBLEM ?

We will develop a web & mobile application which will connect the users (people of society) to NRC's & administrator.



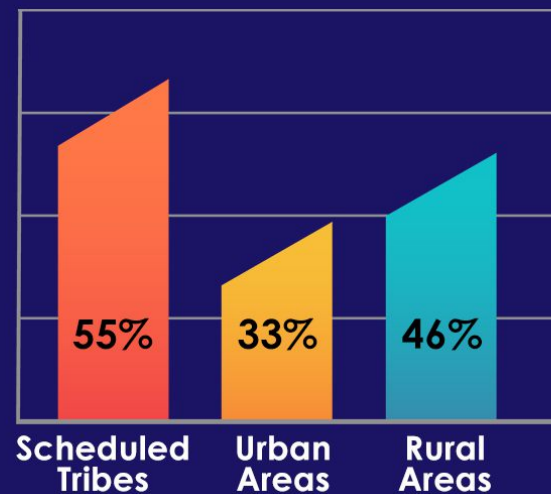
Users can use this application to refer a SAM child to NRC's and this process work under scrutiny of centralized administrator.



# AAROGYA

## Easy Interface

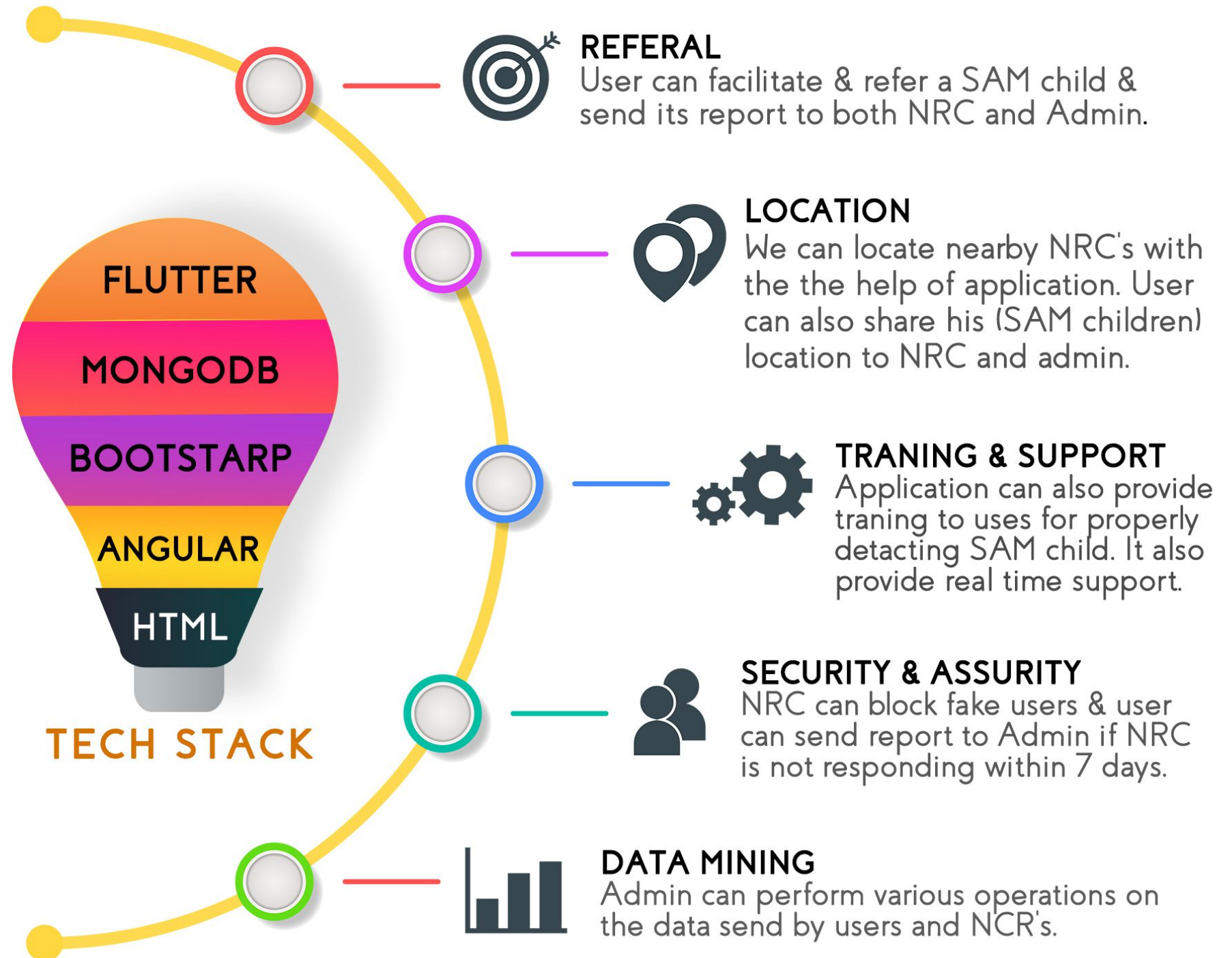
Malnutrition is a major problem in tribal areas. & in such places literacy rate is very low so it is necessary to develop such an interface for the application that anyone can use it without facing a problem.



## Lack of Devices

Poverty is a major issue hence access of smartphone or computer is not available to all therefore a single user can refer any number of SAM child.

## TECHNOLOGY STACK & KEY FEATURES

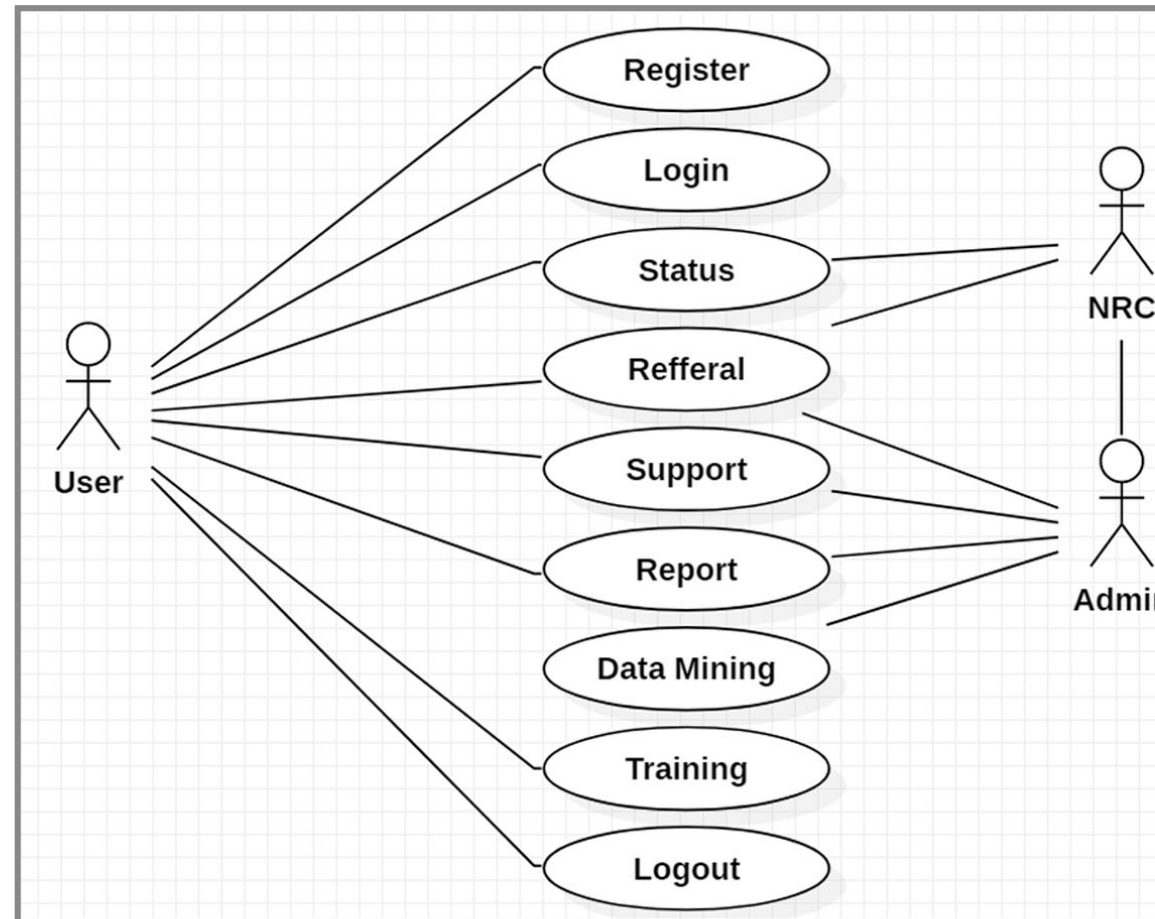




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## USE CASE DISCRPTION

With this appplication after register & login user can refer any SAM child by proving the necessary information. This Information will be sent to nearest NRC's which will take further actions to treat the SAM child. User can check his referral status and can report to the admin if proper action are not taken by the NRC's. This application also provides training by videos and give real-time supports to user to check for symptoms of SAM in childs. It will also provide list of nearest NRC to the user. Administrator can analyze all this data.



USE CASE

## SENERIO 1

User referred a children who is in morderate condition and he can be treated at his home.

User will send details and video of SAM child after performing all the tests that he learned through App. Nearest NRC will recieve the details, after validating the details NRC will sent a doctor to the referred childs house.

User can send a report to admin if NRC did not takes any action with in 7 days.



## SENERIO 2

User referred a children who is in very bad condition and he needs to get hopitalized.

User will the follow same procedure. After validating details NRC will check the avaiability of bed and send feedback to the user.

All this detalis are also sent to administrator for data mining.



## DEPENDENCIES

GOVERNMENT : List of NRC's / Administration

SOCIETY : Users / SAM child

NRC : Doctors / Medicaion / Status

DEVICE : Camera / Appliction

