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Problem:

There are many Countries which suffer lack of basic infrastructure and facilities needed for Children welfare. Some of the issues are as listed below:

1. Lack of Infrastructure for schools
2. Lack of human resource or incompetent human resource to run the schools.
3. Lack of quality health care facilities(Especially for children).
4. Lack of medical supplies such as vaccines or required medicines.

There are many NGO's who try to contribute to solve the issue but it is virtually impossible to keep a track of a big movement that begins at a large scale. The project hence is always at risk of failure due to multiple factors such as irregular working on grassroot levels, improper distribution of funds and also scams in some extreme cases.

Solution Approach:

The purpose is to provide a conducive environment for children.

The Application tries to solve problems at 2 levels: The shareholders of the project and the beneficiaries.

AT ADMIN LEVEL

1. This application helps the Project head to keep a track of the progress at each and every level (while not being physically present).
2. The application enables optimum utilization of the funds/resources by using analytics.
3. Ensures elimination of scams by implementing multilevel checking during purchases.
4. Ensures the cause of the movement i.e healthcare for every child is ensured.

FOR BENEFICIARIES:

1. The beneficiaries(children) are bound to get good service(Quality Education,Quality vaccines). Whenever there is a slump in the performance at any level(zonal admin/ school) required resources shall be allocated.
2. The beneficiaries are bound to get all the allocated resources.

Solutions Proposed:

ROLES:

1. System Admin/Country level Admin(Ecosystem level)
2. State level admin(Network level)
3. School Supplier(Enterprise level)
4. School Principal(Enterprise level)
5. HealthCare(Enterprise level)
6. Infrastructure Provider(Enterprise level)
7. Teacher (organisation level)

8. School manager(organisation level)
9. Builder (organisation level under Infra)
10. Inventory Manager(Enterprise Level)
11. Doctor Role(Organisation level)
12. Nurse Role(Organisation level)
13. Hospital Inventory Manager(Organisation level)

Important Use Cases :
System Admin
1. System admin(Global Manager) logs into the system to manage country level funds.

2. System Admin can perform analytics on each of the states in the list, based on several parameters (funds to run the schools, adequate manpower for teaching, adequate training manpower). Since each parameter will have a weight associated with it, it will be easier for the application to sort the states based on their needs. These results will help better distribution of resources.

3. System admin will have a work area where he/she can also serve requests from state level managers pertaining to funds , manpower.

4. The admin will have access to the bi-monthly reports generated by the country level managers regarding the expenditure and use of the funds provided to them. This way the admin can keep a constant supervision on the expenditures and make sure any sorts of scams are avoided.

State Admin

1. State level admin will be the person in charge of a particular state. The state level admin will have a list of schools affiliated with the program.

1. Each state will be affiliated with a common national books distributor, a stationary distributor, a distributor of necessary furniture in school etc. So as and when requests are forwarded to the state level , the state level admin can forward the requests to the aforementioned distributors based on the type of request. If the school is out of funds the admin can assign funds to those schools.

2. State level manager will maintain a list of schools based on their all round performance. Analytics can be done based on several parameters. This way the state level admin can keep a check on the performance of the schools in that state and find out the schools that need quick attention.

3.   Based on analytics, the state level admins can decide which parameter to work upon at a time using the parameter priority to decide which parameter to take up first.

School Manager

1.   School manager will be in charge of a particular school.
2.   School manager will be monitoring requests sent by the school principal.
3.   School manager will have access to the performance of all the students as well as the teachers.
4.   School manager will monitor the working of the trainers.
5.   School manager will act as a communication bridge between the school and the state level admin.
6.   School manager will be required to send bi monthly reports to the state level admin.