**Information**

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**The NGOs Project Mangament Web App**

The NGO Project Management Web App is a platform designed to streamline the management and operation of non-governmental organizations (NGOs) and their projects. It aims to support NGOs in tracking project progress, managing resources, facilitating communication among stakeholders, and reporting on project outcomes. The web app will assist in improving the efficiency, transparency, and impact of NGO operations, enabling teams to focus on mission-driven work rather than administrative tasks.

**7 Tables have The Project**

* Project Table: This table stores the details of all the projects being managed by the NGO. It includes information about the project, its goals, and the relevant details needed for tracking progress.
* Employee Table: This table stores information about the employees (including project managers, staff, volunteers) working on the NGO's projects. It helps keep track of the roles and responsibilities of each employee.
* Task Table: This table tracks tasks that need to be completed within each project. It contains details about task assignments, deadlines, and completion status.
* Expense Table: This table tracks the expenses associated with each project. It helps in managing the financial side of the projects and ensuring that expenses are within the allocated budget.
* Donor Table: This table contains information about the donors contributing funds or resources to the NGO’s projects. It helps track donor contributions and maintain transparency.
* Sign up Table: This table stores the registration details of users who wish to sign up for the NGO web app, whether they are employees, volunteers, or external stakeholders. It helps maintain records of users who need to access the system.
* Sign in Table: This table is used to store the login information for users who have signed up and wish to log in to the platform. It verifies the credentials entered by the user during the login process.

**Relationship of database**

* One-to-Many: Project → Donor

Project Table (1) to Donor Table (Many):

One project can have multiple donors (i.e., many donors can contribute to a single project), but each donor can only be associated with a single project at a time.

* One-to-Many: Project → Expense

Project Table (1) to Expense Table (Many):

A project can have many expenses associated with it, but each expense is linked to only one project.

* One-to-Many: Project → Task

Project Table (1) to Task Table (Many):

A project can have multiple tasks that need to be completed, but each task is related to a single project.

* One-to-Many: Task → Employee

Task Table (1) to Employee Table (Many):

One task can have only one employee responsible for completing it, but an employee can be assigned to multiple tasks across different projects.

**Conclusion**

This NGO Project Management Web App brings together the essential components needed for managing complex NGO projects. It allows for seamless communication, efficient resource allocation, and transparent financial tracking, which are vital for the success of any non-profit organization. By using a well-structured relational database model, this app helps streamline operations, ensuring that project teams can focus on achieving their missions and maximizing their social impact.

The app's scalability, coupled with robust features for managing projects, tasks, finances, and donors, makes it a valuable tool for any NGO aiming to optimize its project management processes and enhance its accountability and impact.