

# **DATABASE MANAGEMENT SYSTEM PROJECT**

## **CROWD FUNDING MANAGEMENT SYSTEM**

**- Abstract**

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**Problem Statement:**

Pressing financial needs arising out of unprecedented emergencies can almost always be demanding. For an NGO or an individual who wishes to make money for a good cause cannot approach bank at ease due to the reason of collateral assets required for loan security. For start-ups it's not a piece of cake to get investments from sharks. Since NGO's activities are non-profitable, they rarely go for loans instead they get their fund from the philanthropist but it not an easy process to find them. Those who are willing to help the society, get into scams due to unverified information. We are making these jobs easy for them.

**Abstract:**

The digital era has made raising funds for any business idea, non-profit cause, or personal needs easier with the use of online crowdfunding platforms. To date, people have raised more than \$34 billion worldwide using these platforms. Whatever may be the reason for raising money, there is a crowdfunding site. But the problem is that there may be spams on the name of fundraising. Another main problem is the existence of separate crowdfunding sites for separate things like project, start up and so on. We make crowdfunding accessible for all by providing one stop website including all possible categories (user defined categories too). This platform will have easy-to-use tools that provide a smooth experience for both fundraisers and their supporters. We will be verifying the profiles and post of the fund raisers so that to avoid scams. We enable anyone across India to raise funds for medical, environmental, educational, memorial, animal welfare, sports, community causes and more. This platform will help NGO's, various start-ups and other individuals to raise money from the people who are willing to contribute to the society. Apart from these use cases, this platform might be extended to specific institutions like colleges where clubs, NSS units and associations could be benefited from it.

## Database Description:

Database (RDBMS):

MySQL, XAMPP

## Table and Attributes:

Table name	Attributes
ADMIN	name password key (primary key)
USER	user_id (primary key) name password mail mobile_number total_amt_donated
POST	description post_id (primary key) user_id (foreign key) date verification_status post_type expected_fund (check > 0) fund_raised (check > 0) min_amt_from_user (check < 500)
TRANSACTION	post_id (foreign key) user_id (foreign key) date amount

### Relationships:

Relationship name	Table names
VERIFICATION	admin to post
CREATE	user to post
DONATION	user to transaction

### Stack:

- Frontend: ReactJS
- Backend: NodeJS
- Database: MySQL