

Problem Statement :

We often come across situations wherein someone or a part of our community is in desperate need of help and we wish we could do something to aid their pain. Or sometimes you feel generous and want to reach out to such people. But not everyone has the capacity to help ones in need and that is where crowdfunding comes into the picture. Everyone in their own capacity can do their part to make our community and lives better. We wish to build a platform which will enable user to raise financing for their cause at the same time donate for a cause. The motive is to make every bit count. There are various departments available for a user to select from. Additionally, people can also create fundraising events to make it more interactive and promising for the donor. The platform also ensures that the cause is genuine and there is no misuse of the collection through a verification process.

Entities :

Enterprises :

- **Fundraising :**
 - User Directory : It contains the list of users linked to the applications.
 - Roles : It refers to the category in which the user could be placed.
 - Admin : Admin refers to the user who is responsible for the maintenance of the application as well as the verification of other users.
 - Donor : Donor is the user who wants to donate money for the cause.
 - Receiver : Receiver refers to the user who has created the fundraising event.
 - Organizations :
 - Animals : This organization deals with the events which are related to the wellbeing of animals which includes food, shelter, healthcare, etc.
 - Food and Hunger : This organization deals with the events which provides free food to the poor and needy.
 - Education : This organization deals with the events which will be held to provide education or funds for education for children who cannot afford it.
 - Health : This organization deals with health care events of people.
 - Fundraising Events : This organization is responsible to conduct fundraising events like marathons, etc. The money collected from such events will be donated for the welfare of poor and needy.
- **Bank :**
 - Employee Directory : It contains a list of all the employees of a particular bank.
 - Employee : It refers to the person who is an employee of the bank and responsible to complete verification request raised by the admin.
 - Organization :
 - Fund Transfer : It refers to the process of transferring the collected amount to Receiver's account.
 - Account Verification : It refers to the work request created by admin to verify account details of Receiver in order to avoid any scam.

Key Functionalities:

1. **Donor:** The user will first log in to the application. Upon logging in, the user/donor can view all the fundraising categories such as food, health, education, etc and fundraising events. The donor can donate money for one or more categories. The donor can create a fundraising event too.
2. **Receiver:** The receiver i.e a person who requires funds, can request the creation of his/her own events on the website by logging in as a receiver. They can also create multiple events. The receiver will provide their account information in which the donations would be transferred.
3. **Admin:** The admin's main role is to get the receiver's account verified by the bank. Once an event is created by the receiver, the admin will send the account details mentioned by the receiver to the bank employee. The employee will then authenticate the account. Only then will the admin accept the receiver's event request and the event will be available to the users to make donations.
4. **Notify receiver:** The admin and the receiver would be notified once an event's goal is reached. The admin will then remove the event from the website.
5. **Fund Transfer:** Each time a donor donates any funds, a request would be sent to the admin. Only if the receiver's account is verified by the bank employee, the admin will initiate fund transfers into the receiver's account.

