

# FINAL PROJECT

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# Architecture

- Angular JS
- REST(Using Spring)
  - Authentication & Authorization
- Spring
  - Service/DAO
- Hibernate (Using Spring)
  - Hibernate Mapping ( One-to-many, One-to-one)
- Database ( Primary Key, Foreign Key)

# Business Model

- Create an application to support Crowdsourcing (<https://en.wikipedia.org/wiki/Crowdsourcing>)
- Create a platform for Users to raise funds for humanitarian or ideas or projects that an individual cannot afford but with the help of various funders around the world achieve the goal.
- Sample applications
  - Ketto (<https://www.ketto.org/>)
  - Kickstarter (<https://www.kickstarter.com/>)

# Business Model

- Application either support crowd sourcing for Ideas/Project or Social/Charity
- Administrator manages the platform creates various categories based on the type of application.
- Administrator can delete any spam projects created
- Can view various KPI about the platforms
  - Countries from where funds have been received
  - Popular projects based on number of funds or most views

# Business Model

- Anyone who wants to create a project based on their need needs to select a category.
- Based on the category they create a title and description.
  - Also the total amount they would like to raise and duration of the funds.
- If the projects is to sell an idea, they can also defined amount categories for which they will receive a discounted services
  - eg: If you donate 500\$ you would receive 1 product or if you donated 900\$ you would receive 2 products.
- if the project is for charity , they can define any service for donation.
  - eg: Cost of one round of treatment.

# Business Model

- Anyone who wants to create a project based on their need needs to select a category will create a profile to proceed with process.
- Based on the category they define a title along with a description.
  - Also the total amount they would like to raise and duration of the funds.
  - If the projects is to sell an idea, they can also defined amount categories for which they will receive a discounted services
    - eg: If you donate 500\$ you would receive 1 product or if you donated 900\$ you would receive 2 products.
  - if the project is for charity , they can define any service for donation.
    - eg: Cost of one round of treatment.

# Business Model

- Funder will browse based on the category.
- Can view any project along with details. Once he is interested in contributing towards any project. He can select any predefined category or enter the amount of his choosing to contributed.
- In order to contribute needs to enter basic card information and other other details.
- Funds can also add comments to any projects or likes(5 stars)