Mobile Phone Accounting

This concept is for use by the shopkeeper to keep all the accounts virtually using a mobile phone application.

It serves to keep updated records and also match records for both shopkeeper and credit buyer.

It is a simpler accounting/record keeping system than the existing dual ledger system.

The ledger provides a way for the customer to know exactly how much they owe to the shop at the end of each month and for the shopkeeper to have a integrated record of transactions.

Kitty Co-operative

Kitty co-operative is almost at step of home women in slates of Powai, involved in renting of raw material to make finished products.

These women currently work from home in the afternoon for minimum wages, they use their idle time to earn extra money by assembling raw material.

Kitty Co-operative is an autonomous association of women, united voluntarily to meet their common economic, social and cultural needs and aspirations through a jointly-owned and democratically-controlled enterprise.

Kitty co-operative provides a platform to connect socially and save for their future.

Social Networking as an Economic Development Strategy in the US and India

A collaboration of IIT Institute of Design, IIT Mumbai and Honeywell Technology Solutions, Bangalore.

The proliferation and widespread use of social networks for personal, professional and business development have established social networking as an important business development strategy. This course focused on studying how small businesses in Powai, Little Village and Powai, India make use of social networking to inspire the design of products, services and systems facilitating economic development in these neighborhoods.

For profit - Not for profit hybrid

The current Balwadi’s small preschools in the Powai slums are implemented by NGOs with the help of corporate funding. In the same small cramped space, they also operate a trading and screen printing business.

The business is stagnant and does not support skill development and skill transfer, thus the Balwadi’s lack funds and resources.

We designed a business model that would be self sustaining and support manageable growth. This model is scalable and can be replicated to create networks that collaborate and help each other further.

The model consists of defined roles and relationships between a For Profit enterprise, a Not for Profit such as the preschool and an Incubator that supports both of these and makes learning and teaching an integral part of the process.

Scrap Collection System

Our solutions cater to the people of Powai, Mumbai to help them manage their recyclables better. The main people involved in the system are the main scrap collector, small business owners, Powai residents, mobile vendors.

The solution aims to nullify the inefficiencies and improve the existing recycling system namely collecting, segregating and marketing the system of metals, paper and other recyclable material.

We have achieved this through a systematic solution which aims to:

- Provide incentives to customers to collect and segregate scrap.
- Inform and educate people when to prepare for trash pick up.
- Make the market price and value of scrap more transparent.
- Involve the mobile vendors in the recycling system.
- Improve the equipment and communication of scrap collection.

Scrap Collection Tools

These tools serve the general public and the small and main scrap collectors in the Powai slum of Mumbai.

These tools deliver incentives for scrap collection and help individuals and small scrap collectors get ready for scrap collection.

These tools are: 1) Plastic Scrap Grinder, 2) Can Compactor, 3) Segregated Collection Bins, and 4) Scrap Credit Coupons.

Residents and small scrap collectors use the Plastic Scrap Grinder and Can Compactor to increase the amount of scrap that can be stored in Segregated Collection Bins, which in turn increases the amount of segregated scrap delivered to main scrap collectors.

Customers are instructed to deliver scrap to the general store through a system of Scrap Credit Coupons.