

System Design for Virtual Adoption

Project 2 | Presentation

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Overview

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Goal of the Project

- Making the process less time consuming
- Providing Information related to availability of orphan homes & kids
- To develop better interactions between the Parents & Kids
- Reducing competitiveness amongst parents

Adoption - Definition

- Adoption is the act of legally placing a child with a parent or parents other than those to whom they were born.
- The act of adopting, or state of being adopted; voluntary acceptance of a child of other parents to be the same as one's own child.
- Admission to a more intimate relation; reception; as, the adoption of persons into hospitals or monasteries, or of one society into another.
- The choosing and making that to be one's own which originally was not so; acceptance; as, the adoption of opinions.
- ‘Adopt’ means take into one's family

History – Process Earlier & Today

- Earlier adoption used to take place within the families, where a couple used to adopt, their cousins or brother/ sister's kids.
- This tradition was followed to escape the legal hassles.
- These days 'Adoption' is considered as a motivation to help someone in need of families.
- Apart from biological need, today people consider adoption as a source of "Completing a Family"

Adoption Service - CARA

- AIM – Finding permanent & stable homes for children whose parents are unable or unwilling to take care of them until they reach adulthood.
- Central Adoption Resource Authority (CARA)
 - It is an autonomous body
 - Central Authority
- Recognised Indian Placement Agency for Inter-country Adoption (RIPA) and Shishu Grehs
- Licensed Adoption Placement Agency for In-Country Adoption (LAPA)
 - Recognised by the state government.

Adoption Statistics

Number of children placed in adoption through Recognized Indian Placement Agencies and Shishu Grehs during the last 06 years.

Year(Jan. to Dec.)	In-country Adoption			Inter-country adoption by NRIs / PIOs / Foreigners NOCs issued by CARA	Total(4+5)
	1	2	3		
	RIPAs	Shishu Grehs	Total(2+3)		
2001	1960	573	2533	1298	3831
2002	2014	690	2704	1066	3770
2003	1949	636	2585	1024	3609
2004	1707	587	2294	1021	3315
2005	1541	743	2284	867	3151
2006	1536	873	2409	852	3261
2007	1510	984	2494	770	3264
2008	1419	750	2169	821	2990

(However, this doesn't include in-country adoption figure of other licensed adoption agencies recognized by State Governments.)

Laws / Acts for Adoption

- Hindu Adoption & Maintenance Act, 1956 (HAMA)
- Juvenile Justice (Care & Protection of Children) Act, 2000 (JJ Act)
- Guardianship Petitions under Guardian & Wards Act, 1890

Stages of Adoption

STAGE I - Registration

STAGE II- Home study

- Pre- adoptive counseling
- Eligibility of parents
- Finding Suitable child

STAGE III- Child is shown

In older children – written & verbal consent is obtained

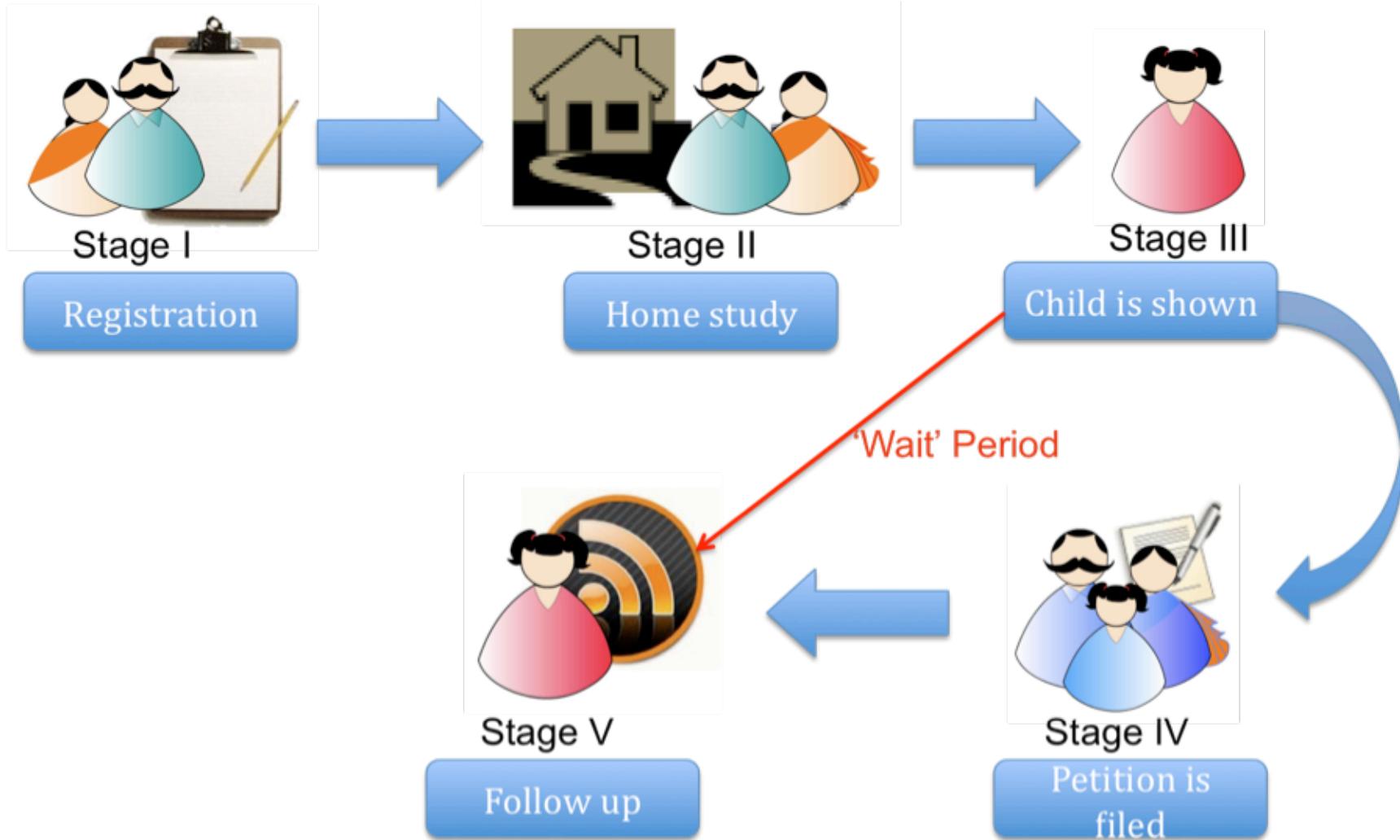
STAGE IV- On matching

- Petition is filed in the court
- Acts those are applicable are informed (6 -8 weeks)

STAGE V- Follow up visits

- Post Adoption counseling (at least 1 year)
- Copies of follow up reports are sent

Stages of Adoption



Sponsorship

- A sponsorship is a financial contribution made regularly by an individual donor or an organisation/company so as to support a child on long term basis.
- Through regular contributions, one ensures to help the organisation's financial stability and the children's well-being, education and integration into their local community.



Process of Sponsorship

- Sign up as a Sponsor through the website.
- Create an account.
- Selection of a child with criteria's of age, area, health, grade details
- Can keep contact through letters
- Meeting the kid personally
- Other features available -sending greeting cards, gifts, clothes, etc.

Process of Sponsorship

- Organisation provides –
- Clean water
- Nutritious Food
- Health care
- Educational opportunities
- Spiritual Nurture

Brainstorming & Mind Mapping

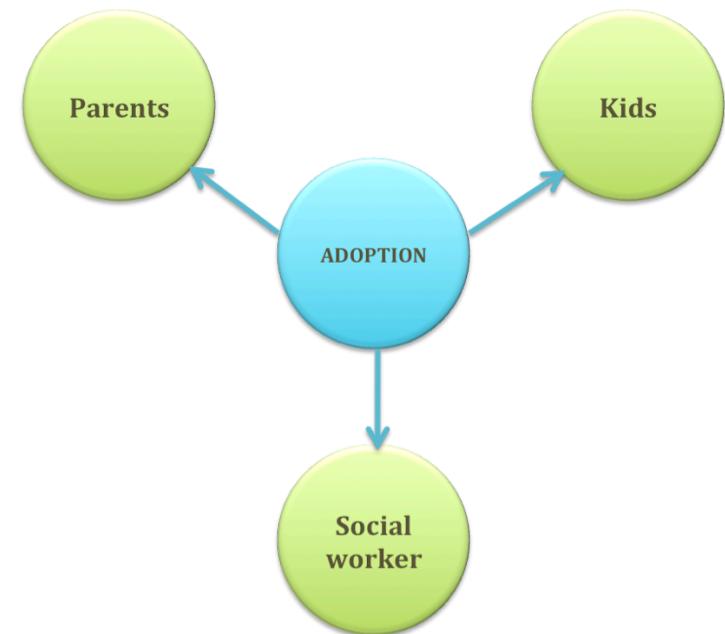


Keywords

- Guide / Friend
- Support
- Loneliness
- Quick
- Information sharing
- Attachment
- Documentation
- Family

User Studies

- This process is interlinked between three segment of people
- Parents, who are willing to adopt
- Kids, who are to be adopted
- Social workers who are interacting between the two groups
- Interviewed 10 users from different segments
 - Social workers
 - Parents
 - Sponsors



Observations

- Adoption Process
- Selection of Orphan homes is a very important factor.
- Sharing of experiences, info helps new adoptive parents
- Preference to physically fit and good looking kids
- Education & Medical assistance are the basic needs of the kid
- ‘Wait’ period requires one-one interaction
- Security issues evolve if the parents show interest in taking out the kid
- New Adoptive parents have issues handling/ interacting with kids.
- People visits orphan home, as an acknowledgement

Insights

- Preference for Culture and Community inclination
- Kids tend to be lonely in nature, as they are isolated because of the social deprivation.
- People rely on the close acquaintances for a support, as a second opinion – Guide
- People consider adoption some kind of taboo, and give an ill-treatment to the people who resume to adoption.

Problem Identification

Visiting Agency

- Awareness/ Availability
- Finding popular agencies
- Selection Issues

Documentation/
Registration

- Preparing documents / FAQ's
- Database management
- Tips on Registration

Home study /
Counseling

- Interactions & visits by SW
- Interactions with experienced parents about the same

Problem Identification

Referral of child

- Availability of the child
- Medical reports /information
- Child is shown physically

Acceptance of the child

- Signing of the documents
- Need to develop better interaction between the parents & kid

Filing of Petition

- Foster care period which needs better communication
- Submission of documents

Problem Identification

Pre adoption
Foster care

- Parents are allowed to visit & meet
- Not all agencies allow kids to be taken home
- Knowledge about feeding schedule of child/ eating/ sleeping habits are overlooked

Court
hearing

- Simple questions
- Attending court along with the child
- Investment needed in child's name

Court order

- Judge issues the order on showing the receipts
- Incase of HAMA registration with local registrar's office is required.

Follow up

- Child's wellbeing report is given to the court for 1-2 yrs.
- This step is ignored as it is time consuming

Problems & Scope for Design

- Developing a ‘quick’ process or less time consuming.
- Finding information about nearest orphan homes, and the most popular ones.
- Need for sharing of information about adoption to the prospective adoptive parents.
- Organization needs to keep records/ files of individual kid.
- During the selection there is comparison

Problems & Scope for Design

- In the ‘Wait’ period there is a need for establishing interactions.
- Help or assistance for the prospective kids is needed
- Keeping contacts with the homes, after the child is adopted.

Observations & Insights

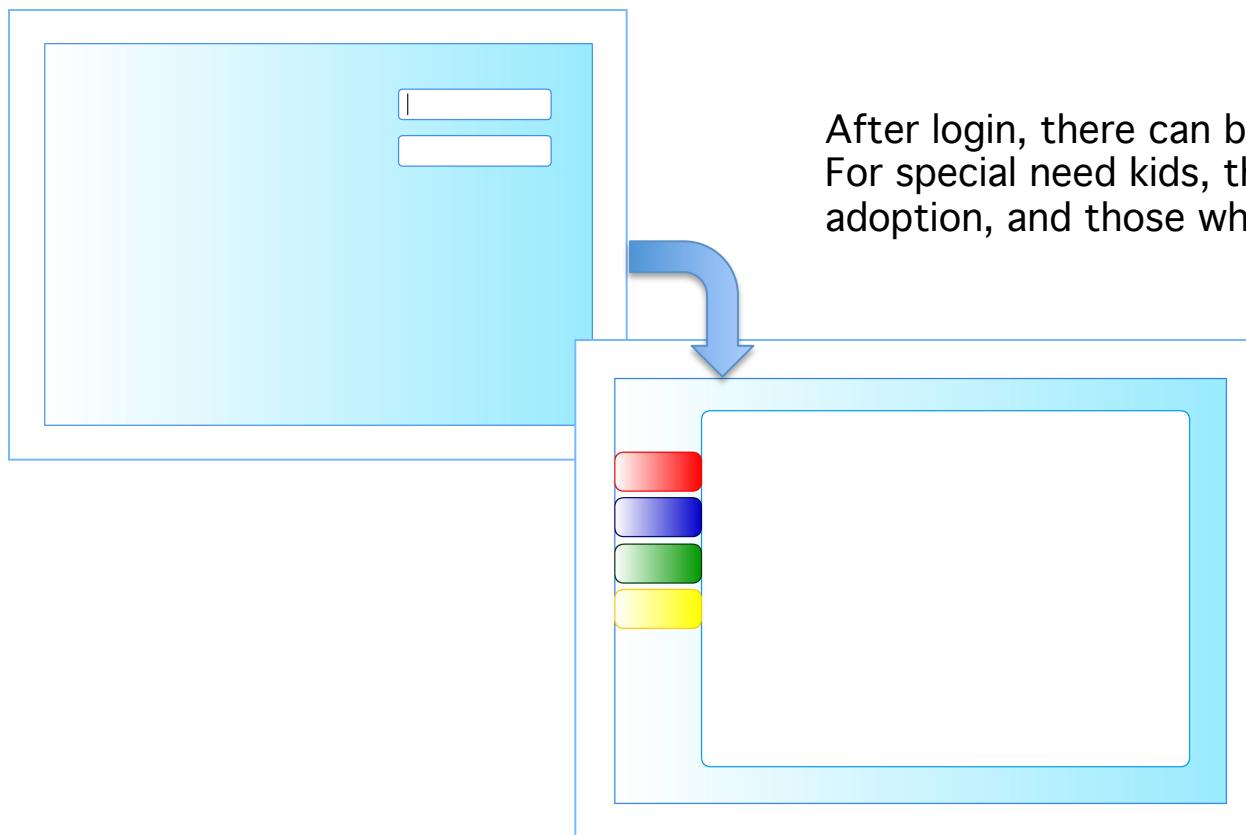
- Sponsorship Process
- Rules are not specified.
- Maintaining the privacy/security is the important aspect
- Utilization of funds is not known
- For assurance people need to go and meet the kid personally
- Need for establishing an effective & interactive method for communication.
- Anyone can extend their hands to help for sponsorship.

Problems & Scope for Design

- Though there is automation done there are no interactions developed for the Sponsor and Kid.
- No lively communication of the kid and sponsor.
- Details of the kids, likings & needs are not specified, which would help for building up a relationship.
- No other factors and needs are considered, which could be supported by the sponsor.
- There are no details of how the kid is being benefitted and how the funds are used.

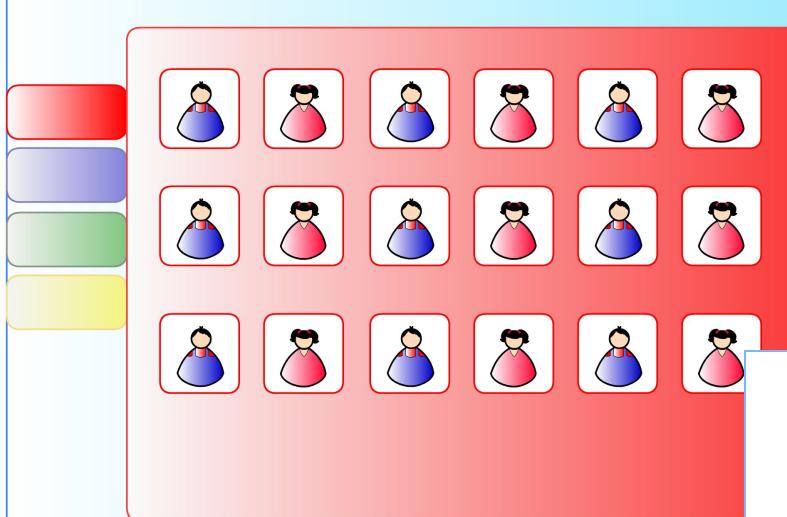
Ideation – Initial Design Ideas

- Initial Design Ideas consisted of developing a database for social workers to keep track of the adoption process, medical records of kids and other details.

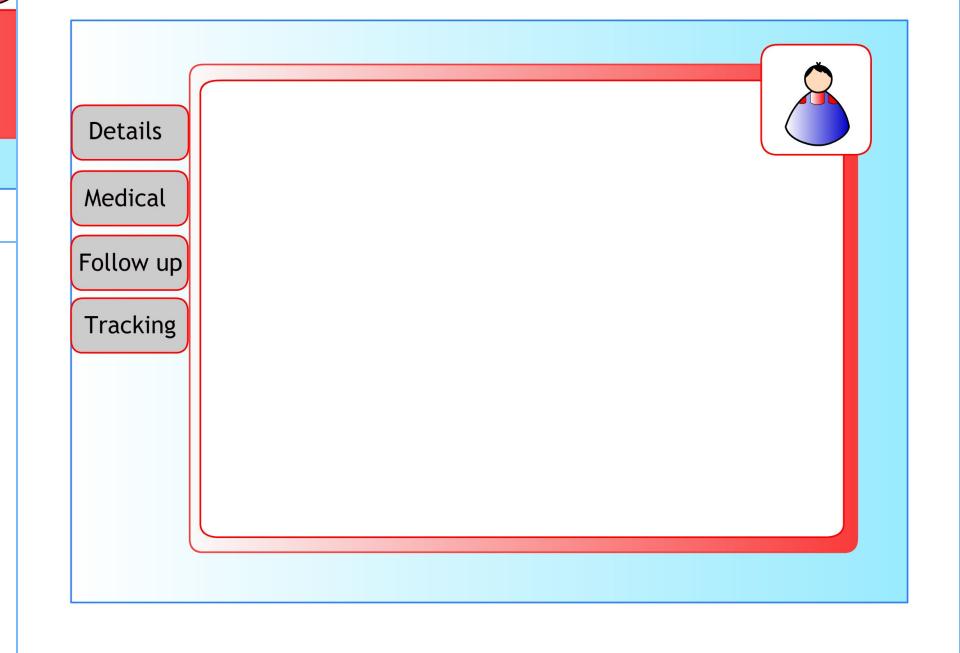


After login, there can be a color coding done
For special need kids, those who are free for
adoption, and those who are not.

Ideation – Initial Design Ideas



Numbering of kids, can be done according to the age



Ideation – Initial Design Ideas

The image shows a wireframe of a mobile application interface. On the left, a vertical navigation bar contains four buttons: 'Details' (dark grey), 'Medical' (light grey), 'Follow up' (light grey), and 'Tracking' (light grey with a red border). The main content area is a light blue box containing a red-bordered form. The form includes fields for 'Name' (text input), 'Age' (text input), 'Gender' (text input), 'DOB' (text input), and 'Place' (text input). Below these is a 'Background' section with three text input fields for 'Father', 'Mother', and 'Other'. In the top right corner of the main area is a small blue circular icon with a white silhouette of a child. The entire interface is set against a light blue background.

Details would include, Family background and other information

Time versus stages would help to follow the deadlines and the important dates can be displayed.

Medical history would be stored and updated timely.

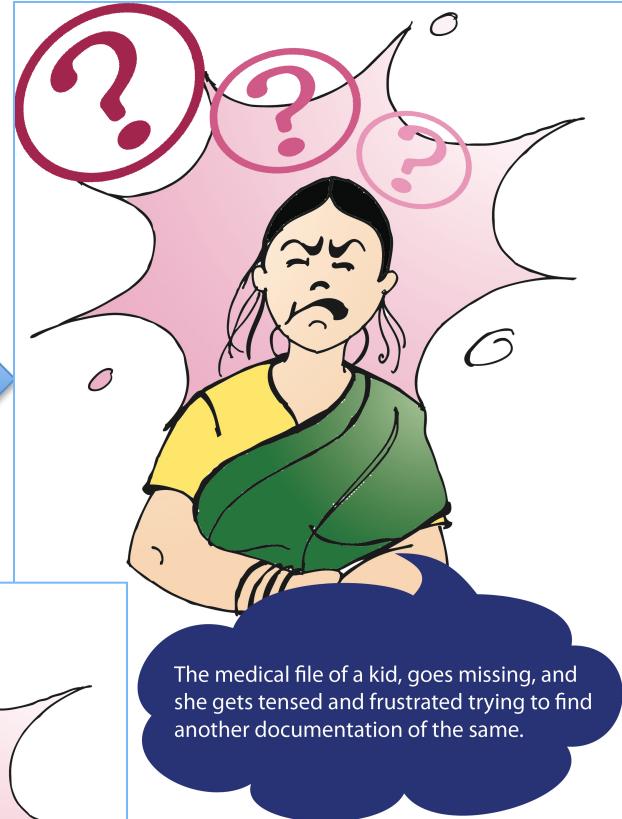
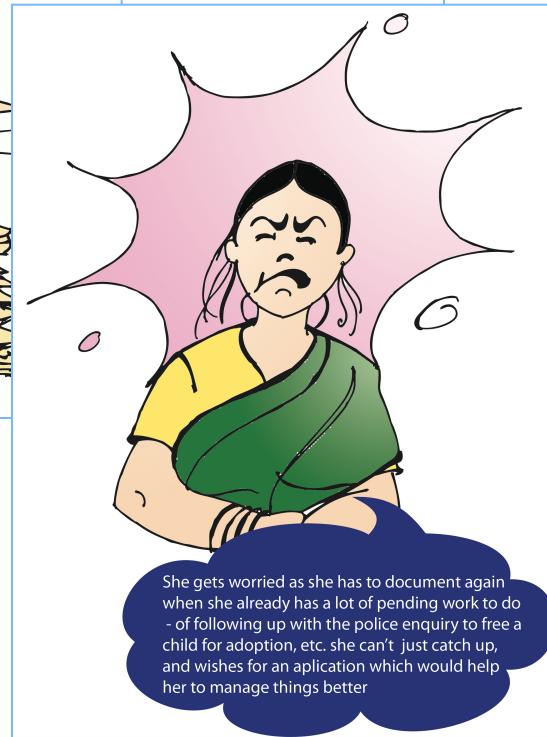
Tracking would include application tracking of the court.

Follow up will include details that would be further entered by the feedback of the parents

Ideation – Initial Design Ideas

- Other ideas consisted of developing an interactive device for wait period.
- Handheld device that would keep kids in orphan home busy and thus help them communicate and socialize in the orphan home.
- A web portal with a guide metaphor, that would assist parents to follow the process of adoption.

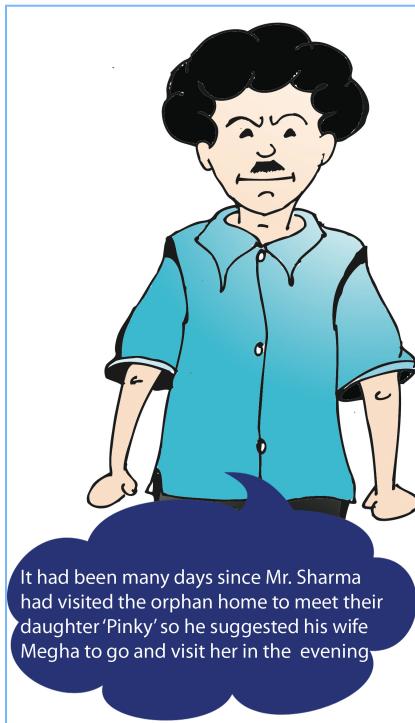
Scenario



Final Design

- Metaphor –
- As the pearls join together in a thread to complete a Necklace, so also every kid, joins a family to COMPLETE a family.
- Relationship & Bonding is very delicate like a thread.
- Helps to get introduced with the process of adoption, FAQ's and further one can create a profile and make this process a lot more easier.
- “Anubandha Prototype”

Final Design



Final Design

- For the couples who are really busy, and miss on the important dates or documents, due to busy schedule - Alerts can be the best feature.
- Alerts Prototype
- “Search” option proves to be a boon in finding the orphan homes, in locality and as the home study data gets stored, one can find their desired kids too.
- Networking helps them to share information, and socialize, whereas Events helps them to get knowledge about where, any related programs are taking place.

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References

- Books:
- NilimaMehta, *Our's by Choice*,
- <http://www.oursbychoice.com/> accessed on 25th September 2009
- Tod, Robert J. N. (Robert James Niebuhr), *Social work in adoption : collected papers*, London : Longman, [1971] , accessed on 28th setember 2009
- Emily P. Flint, Clarence James Gamble, *Every child a wanted child* , accessed on 28th September 2009
- Erkind David, *Child and society: essays in applied child development*, accessed on 4th October 2009

References

- Papers:
- Svetlana Yarosh and Gregory D. Abowd. *Embodied Interaction for Mediated Communication between Children and Parents* Georgia Institute of Technology, Atlanta GA, USA, accessed on 27th October 2009
- A.S. Shenoy, Chair, International Relations Committee, Indian Council of Social Welfare, Mumbai. *Child Adoption Policies in India- A Review*, accessed on 27th October 2009
- Vinita Bhargava, *Listening to Children: Socio-Cultural Reflections on Adoption in India* , University of Delhi, accessed on 27th October 2009

Thank you!