

Design Thinking for Social Innovation

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Team 01

Team members:

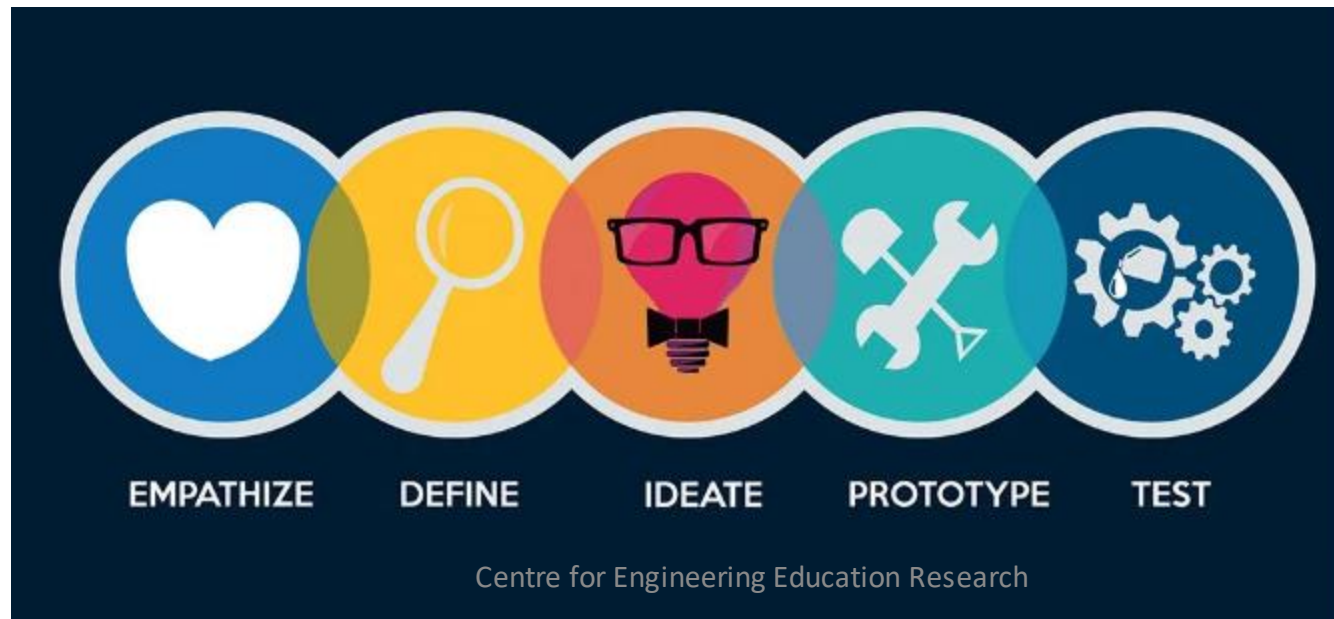
1. **Prajwal Sangalad**
2. **Abhijeet Jadhav**
3. **Prashanth Aski**
4. **Poonam Shettar**
5. **Madhushree Hegde**
6. **Tejal Shiroadkar**



DESIGN THINKING

Design thinking is a process for creative problem solving.

Design thinking is an iterative and non-linear process that contains five phases: 1. Empathize, 2. Define, 3. Ideate, 4. Prototype and 5. Test.

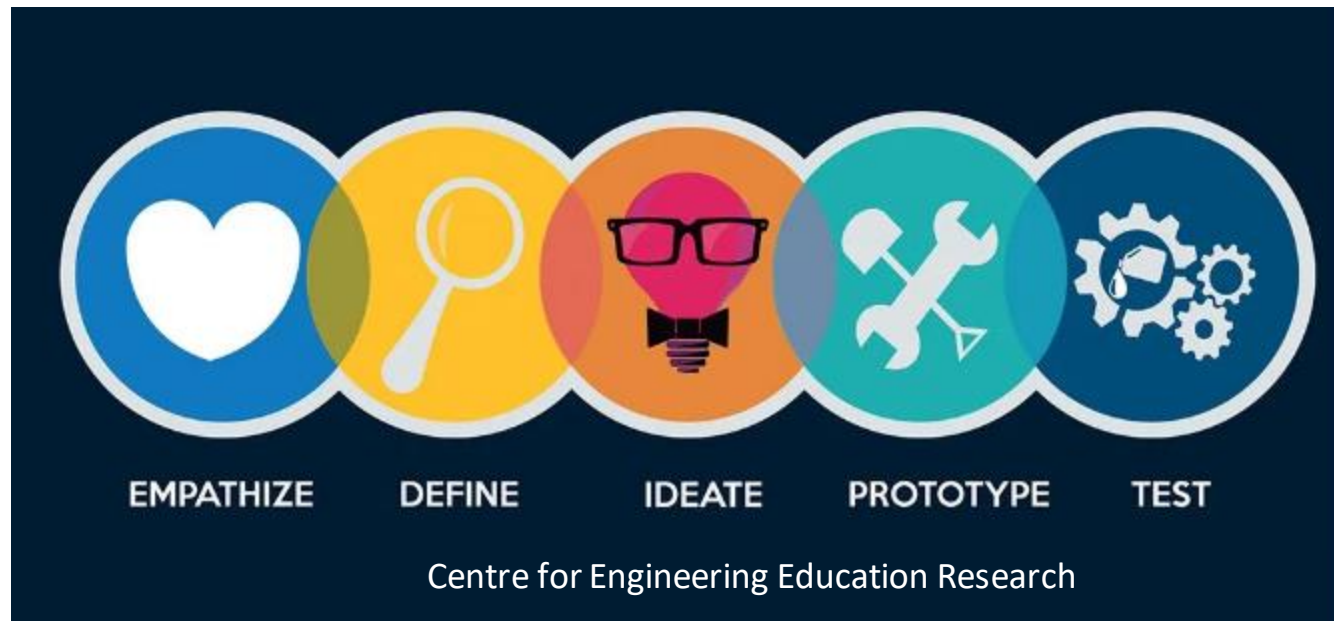


Social Innovation

Social innovation refers to the design and implementation of new solutions that imply conceptual, process, product, or organizational change, which ultimately aim to improve the welfare and wellbeing of individuals and communities.

Social innovation refers to the process of developing and implementing new, effective solutions to solve social or environmental issues.

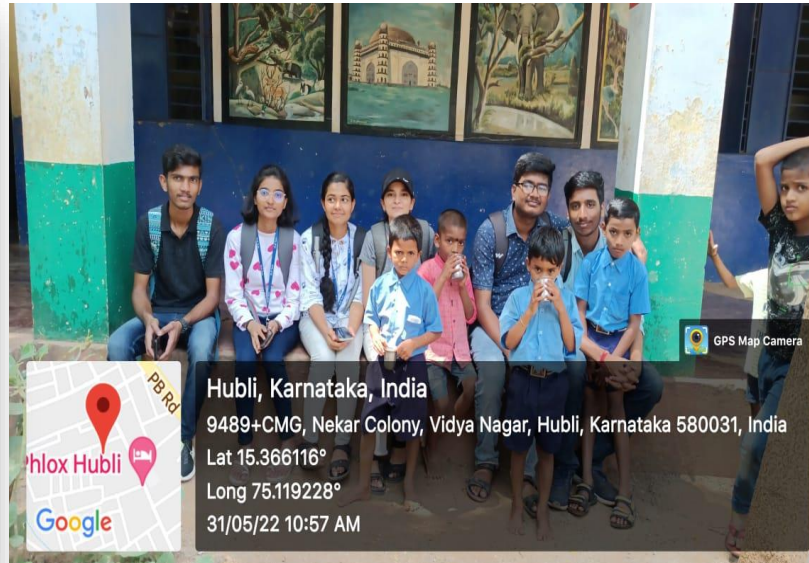
Social innovations are new social practices that aim to meet social needs in a better way than the existing solutions



COMMUNITY VISIT



Sushanti Child Care,
Near Unkal lake.



Government School,
Nekar Colony.



Conversation with Zomato workers,
Vidyanagar.

COMMUNITY VISIT 1: Visit to Sushanti Child Care:

Problems observed:

- Lack of financial support.
- Physical and Mental health of orphanage kids are neglected.
- Lack of lively environment for constructive growth of children.
- Children feel isolated as they are single parented and stay away from their parents.



COMMUNITY VISIT 2:

Visit to Government School:

- Attendance of students is not monitored strictly.
- No innovative ways are used to educate children.
- No adoption of latest technologies.
- No proper discipline.
- Post pandemic students are not able to concentrate on studies as they used to do it before.
- Lack of basic knowledge among students as there was no proper online education.



COMMUNITY VISIT 3:

A Conversation with Zomato Workers:

- Not paid for pick-up distance.
- Customers not providing exact location.
- Struggle in delivering to multi-storied buildings.
- Have to wait long time after rejecting orders.
- Threats from some customers.



Our chosen Social challenge

“Insufficient care for ORPHAN’S Physical and Mental well-being.”

Motivation behind Choosing the Community

- Physical activities strengthens children's bones, muscles, hearts and lungs.
- Improves children's coordination, balance, posture and flexibility.
- Just as physical fitness helps our body to stay strong, mental fitness helps us to achieve and sustain a state of good mental health.
- When we are mentally healthy, we enjoy our life and environment, and the people in it. We can be creative, learn, try new things, and take risks.





EMPATHY PHASE

SAYS:

- Children say that they miss their parents and find it difficult to live without them
- Children claim that they feel the burden of studies and need some activities to cheer them up.
- Orphanage owner claims the lack of trained faculties to conduct various activities during their free time.

DO:

- The proprietor of the orphanage permits children to watch TV and play on Sunday's.
- They conduct counselling sessions once in a month.
- They believe that the physical health of children is equally important as academics.



THINKS:

- Children believe they need to engage in activities other than studies.
- Children think they need emotional support
- Orphanage owner thinks that they need some physical activities.
- Orphanage owner thinks that they don't have trained faculties.

FEEL:

- Children miss their parents and feel alone and secluded.
- Children feel bored and burdened due to pressure of studies and require some refreshment activities.
- The Orphanage owner feels that physical activities will uplift them emotionally.

Pain Points:

- Childhood obesity and inactivity are caused by lack of physical activity.
- Insufficient trained personnel to perform physical activities.
- Children lack self-confidence .
- Children inability to concentrate in academics.

Gains:

- Regular physical activities like yoga increases immunity and concentration in children
- It helps to improve physical and mental health.
- It will assist kids in coping with loneliness.

DESIGN THINKING FOR SOCIAL INNOVATION

Empathy Map

Team Details

Prajwal. S.	1745
Poonam. S.	1748
Madhushree. H.	1755
Prashanth. A.	1736
Tejal. S.	1756
Abhisheeth. J.	1760

Social Challenge: Insufficient care for orphan's physical and mental wellbeing.

1. Children say that they miss their parents and find it difficult to live without them.
2. Children claim that they feel the burden of studies and need some activities to cheer them up.
3. Orphanage owner claims the lack of trained faculties to conduct various activities during their free time



Say

Think

1. Children believe they need to engage in activities other than studies.
2. Children think they need emotional support.
3. Orphanage owner thinks that they need some physical activities.
4. Orphanage owner thinks that they don't have trained faculties



Pain Points

1. Childhood obesity and inactivity are caused by lack of physical activity.
2. Insufficiently trained personnel to perform physical activities.
3. Children lack self confidence.
4. Children's inability to concentrate in academics.



1. The properties of the orphanage permits children to watch TV and play on Sundays
2. They conduct counselling sessions once in a month.
3. They believe that the physical health of children is equally important as academics



Do

Feel

1. Children miss their parents and feel alone and secluded.
2. Children feel bored and burdened due to pressure of studies and require some refreshment activities.
3. The orphanage owner feels that physical activities will uplift them emotionally



Gains

1. Regular physical activities like yoga increases immunity and concentration of children in studies.
2. It helps to improve both physical and mental health.
3. It will assist kids in coping with loneliness.



EMPATHY STATEMENT

Physical and mental health issues affect all children, but they are more common in orphanages. Physical activities should be a part of every child's routine since they help them overcome loneliness and create a dynamic environment that keeps children happy.

DEFINE PHASE

Primary Stakeholder Children (Rukiya)



Demographics

Age:6

Gender : Female

Family :Mother and two siblings

Pain Points:

- She misses her mother.
- She is not able to overcome the loss of her father.
- She is mentally sick and physically unhealthy.

Goals/Needs:

- She wants to be Doctor.
- She wants to support her family financially.

Skills/Traits:

- She is good at drawing.
- She is good in academics.

Secondary Stakeholder Owner (Paul L Wilson)



Demographics:

Age:35

Gender : Male

Family : Mother and
Father

Goals:

He wishes children to be
happy , healthy and
successful.

Pain Points:

- He has lack of financial support.
- Lack of trained faculties in the orphanage to engage children in physical activities.

Traits/Skills:

- He is considerate and compassionate.
- He is concerned towards the welfare of society.

Point of View Table

Sl no	Users	Need For the user	Our Insights
1.	Children	<ul style="list-style-type: none"> To become a successful person which requires being physically and mentally fit To have a lively and happy growing environment. 	<ul style="list-style-type: none"> Children would like to have a proper playtime to get rid of their boredom. The need of refreshment activities for kids. The lack of physical fitness and mental stability in children The lack of care for physical and mental health.
2.	Owner	<ul style="list-style-type: none"> Children should have a happy and thoughtful present and future. 	

Point of View Statement

The children of the orphanage who are mostly single parented and feel only down all the time needs to have physical activities as a part of their routine because it helps them to come out of loneliness improve their concentration in academics and also create a lively atmosphere keeping the children's cheerful.

Reframed (POV)

Physical activity should be a regular component of schedule for the orphanage children, who are typically raised by lone parents and are morally down. This will help the kids overcome their loneliness, increases their academic focus, and maintain their positive attitudes.

IDEATE PHASE

BRAINSTORMING:

Physical health:

- To make children have a balanced diet.
- Conducting outdoor activities.
- Making Yoga and exercises as a part of their daily routine.

Mental Health:

- Cultivating the habit of reading books.
- Making children meditate for mental peace.
- Conducting counselling sessions regularly.
- Taking children picnic once in a while.
- Conducting refreshment activities.
- Making children read stories and

INPUT-PROCESS-OUTPUT

SL .No	INPUT	PROCESS	OUTPUT
1	Nutritious Food	Following balanced diet	Healthy Body.
2	Counselling	Conversation between children and counsellor.	Mental Peace.
3	Making them aware of utilizing morning hours.	Waking up early.	Better mood and mental health.
4	Increasing understanding of both physical and mental health.	Performing Yoga daily.	Improved mental health, Betters, rate of metabolism , Increases concentration , strengthens body flexibility.

SCAMPER Technique:

Substitute:

Healthy foods in place of junk foods.

Combine:

Yoga can be combined with physical activities and meditation.

Adapt to

Technology:

Conducting counselling sessions through online mode.

Eliminate:

- Eliminating Unhealthy foods.
- Eliminate sleeping till late Morning.

Modify/Magnify/Minimize:

Modifying their daily food to nutritious diet.

Put into Other Use:

Conducting refreshment activities once in a week.

Reverse/Rearrange/Rework:

Rearrange the schedule for the kids' physical education classes.

FINALIZED IDEA

- Ensuring Children have nutritious food for healthy mind and body.
- Making an efficient and effective playtime for kids.
- Making children practice yoga and meditation on daily basis.
- Conducting activities like story telling and drawing competitions.

PROTOTYPE

PROTOTYPE BUILDING

Sl.No	What and How	who	When	Feedback
1	Going and getting permission to conduct activities and Check their diet routine.	Team-Two members	22/08/2022	Given permission to conduct activities.
2	Conducting meditation and Yoga sessions.	Two member	23/08/2022 24/08/2022 25/08/2022 (morning 7-8am)	Children said they had a good experience and they would like to practice every day
3	Conducting Drawing and story telling sessions.	Team-Two members	23/08/2022 25/08/2022 (evening 5-6pm)	It was entertaining and change of mind

USER CENTRIC APPROACH

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Solutions	User categories	
	Children	Owner
<ul style="list-style-type: none"> • Making an efficient and effective playtime for kids. • Making children practice yoga and meditation on daily basis. 	<ul style="list-style-type: none"> • Enhances physical and mental stability. • Increases productivity rate in children. • Builds good coordination among children. 	<ul style="list-style-type: none"> • Ensures a balanced routine in children's life. • Children's overall growth is focused.
What if questions?	What if children don't agree to do yoga and exercises on daily basis	What if owner does not take proper initiative in making children practice yoga, exercises and meditation on daily basis.
"How might we"	<ul style="list-style-type: none"> • Educating them on the value of everyday practice of yoga, meditation, and fitness • Yoga and exercises can be taught to kids in a fun way so they like doing them on a daily basis. • Planning a proper playtime for kids. 	Making owner realise usefulness of all the above mentioned activities for a child's healthy growth.

Solutions	User categories	
	Children	Owner
Ensuring Children have nutritious food for healthy mind and body.	For healthy mind and body. Stay energetic throughout the day and active participation in all activities.	Reduces number of children falling sick.
What if questions?	What if children deny having healthy food?	What if owner is unable to provide a balanced diet to children ?
“How might we”	Healthy food can be prepared with good taste so that children enjoy eating nutritious food.	<ul style="list-style-type: none"> • Providing financial support by fundraising • We could contact for free food services like Akshaya Patra Foundation

Solutions	User categories	
	Children	Owner
Conducting activities like story telling and drawing competitions.	Ensures compatibility among them. Creativity is utilised and boosted.	Creates a lively atmosphere in the orphanage improving the harmony.
What if questions?	-----	What if owner questions that the mentioned activities are useless and a waste of time for children
“How might we”	-----	Making Owner realise the need of refreshment activities for kids.

TEST

Test-Checklist

Sl no	The Plan	Action	Timings	Feedback
1	Going and getting permission to conduct activities and check their diet routine.	Permission granted	22-08-2022	Given permission to conduct activities.
2	Conducting meditation and Yoga sessions.	Conducted yoga activities for children	23-08-2022 24-08-2022 25-08-2022 (Morning 7-8am)	Children said they had a good experience and they would like to practice every day.
3	Conducting drawing and story-telling sessions.	Conducted drawing competitions for children	23-08-2022 25-08-2022 (Evening 5-6pm)	It was entertaining and change of mind.

STAKEHOLDER FEEDBACK



KLE Technological
University
Creating Value
Leveraging Knowledge
B. V. Bhoomaraddi Engineering & Technology College Campus, Hubballi - India

Sushanti Children's Home

Beside Chetan MBA College, Brahmagiri Colony, Unkal, Hubli - 580 031

A Loving Home for every child

A Project of Jesudas Wilson Charitable Trust (R)

Website: www.jesudaswilson.com Mail ID: jesudaswilson@gmail.com

Date: 05.09.2022

To,

Prajwal & Team,
Engineering Students,
BVB College of Engg,
Vidyanagar, Hubli.

Sub: To convey the regards to your team on behalf of our students and management.

Dear team members,

Yoga, an effective art of healthy living, can be a game changer for students. It is because yoga helps every individual to unite the physical, mental, and spiritual aspects of the body. Thank you so much for taking the time to help (child) with his/her yoga and drawing class from 23.8.2022 to 25.8.2022. We can see more confidence in our children. It was a great session as both sides were in conversation you as well as child

Thank you so much for everything (yoga & drawing activity) you do for our children. All your fun activities and interesting lesson plans have taught me so much this year, Thank you for everything you've done!

Thanking You

For Jesudas Wilson Charitable Trust

President



THANK YOU