

A Project by DSC External Team B

GIFT FOR GOOD

April 2020



Developer Student Clubs
National University of Singapore

Project Summary

In Singapore, the **bottom 20% of households are unable to make ends meet** on their own. Their average monthly expenditure needs persistently exceeds their income. The financial stress and resource scarcity that the low-income families face make long-term decision-making difficult for them.

Our vision is for a **more generous Singapore** where **every low-income family has access to basic necessities**. We also believe that individuals and corporates in Singapore are keen to do good, and want to do so through convenient and secure means.

Hence, we aim to develop a **seamless** online platform that facilitates **in-kind donations** from individual and corporate donors to non-profit organisations. Let's build a more generous Singapore together!



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A timeline of events for our
project

NUS Developer Student Club

DSC NUS is an inclusive community, **nurturing** learners of technology to **engage** and **impact** communities.



DSC External Team B



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Project Head (Business)



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Fullstack Software Engineer



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Fullstack Software Engineer



Roxanne
Partnerships Executive



Qin-Liang
Partnerships Executive

ABOUT THE PROJECT

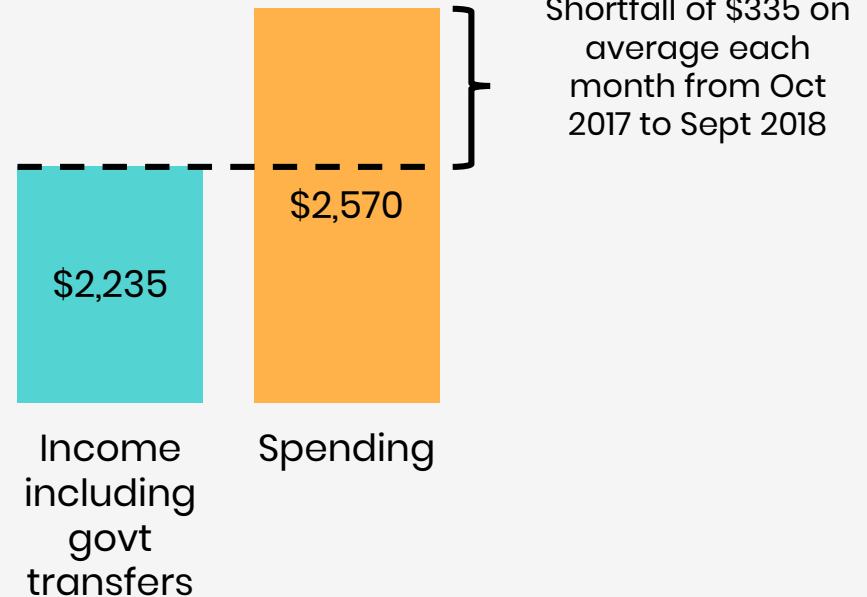
Our vision, mission and motivation behind the project **“Gift for Good”**



Our Motivation

Why lower-income families

The bottom 20% of households in Singapore are unable to make ends meet on their own.



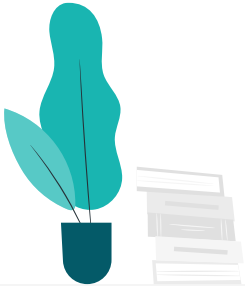
Our Vision and Mission

Our Vision

Our vision is for a more **generous Singapore** where every low-income family has access to basic necessities.

Our Mission

We aim to develop a **seamless, online platform** that facilitates in-kind donations from individual and corporate donors to non-profit organisations.



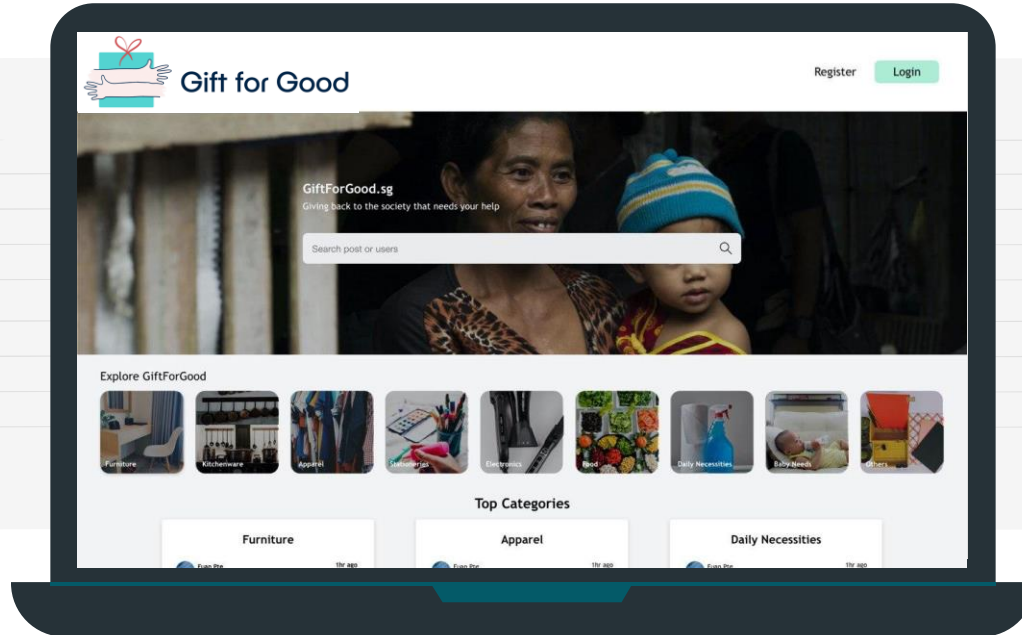


SNEAK PEEK

A look into **how our platform works**, our proposed timeline and relevant FAQs

GIFT FOR GOOD

A **seamless, online** platform for **donations-in-kind**



Draft design of our home page

How the platform works

Donor

**Register /
Log In**

Respond to requests on Wish List

NPOs list the items needed by beneficiaries. Donors respond to requests.

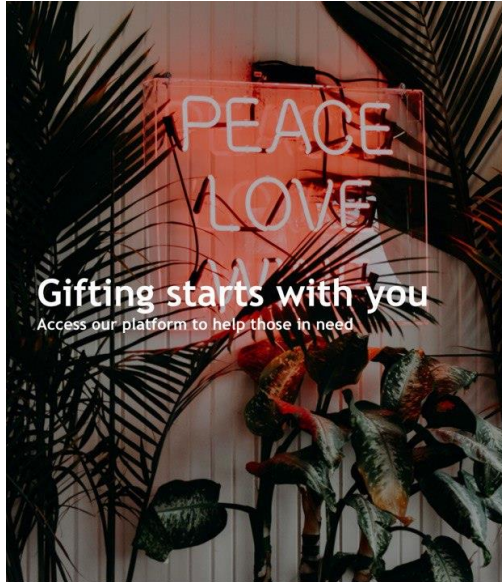
Post items for donation on Item List

Donors can also list items to give away. NPOs contact donors if they are interested.

**Chat with social worker
& Arrange for delivery**

Register for an account

Fuss-free online application process



I am a **Donor**



Register with Google

OR

Register

By registering, you agree to the [Terms](#) and [Privacy Policy](#).

Wish List and Item List

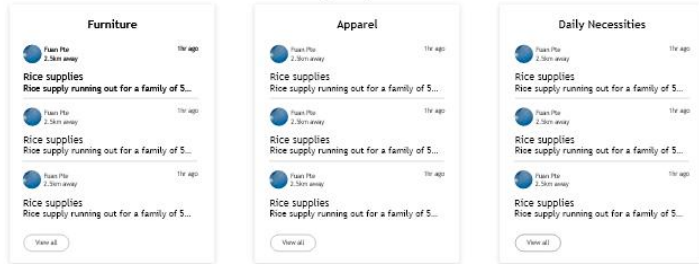
Donors have 2 ways to donate – Respond to Wish List or Post on Item List

Wish List

Explore GiftForGood



Top Categories



NPOs can post requests on Wish List

Donors can click on listing to donate

Item List

GiftForGood.sg

Search post or users

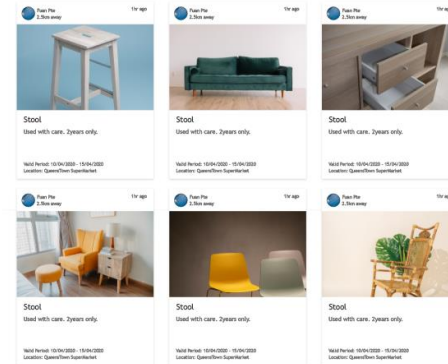
Search post or users



Filter By

- Nearest - Furthest
- Newest - Oldest
- NPOs (A - Z)
- Verified

Furniture



Donors can post items on Item List

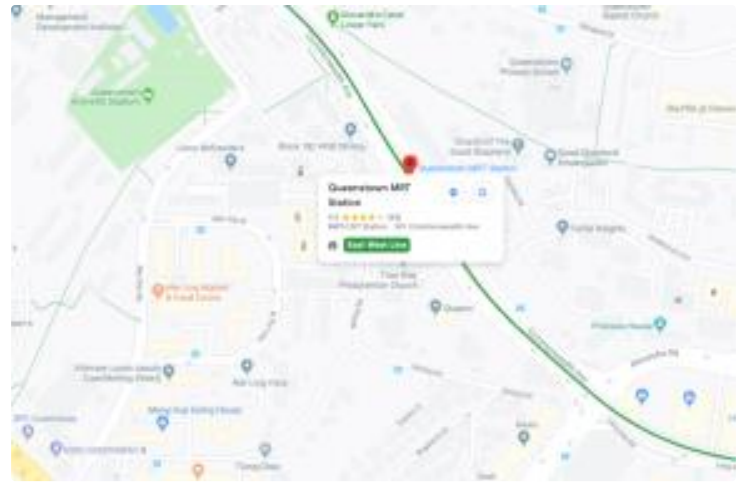
NPOs can click reserve if interested

Sample of a Post on Wish List

GiftForGood.sg

Search post or users

Post



Gwendolyn Chan
Fuan Pte

Share

CHAT

Washing Machine

Client is a person with disability who is unable to work and does not have relatives to provide practical support. We are requesting for a washing machine in good working condition as hers has spoiled.

About Fuan Pte

★★★★☆

Check profile

Sample of a Post on Item List

GiftForGood.sg

Search post or users



Donate

Furnitures > Cabinets



Gwendolyn Chan



Share

CHAT

Valid Period

10/04/2020 to 15/04/2020

Location

Queenstown Supermarket


Cabinet

Less than two years old 240(w) x 55(d) x 190(h) cm can be separated into 80cm/40cm wide sections. Item in good condition.

Communicate easily with social worker on our platform

Search post or users






Gwendolyn Chan

24/01/2020

Bicycle for 1 child

Hello, I happen to have a bicycle for a ...




Chen Zai Kai

24/01/2020

Mahjong Table for elderly

Hello, I happen to have a mahjong for a ...




Chen Zheng Dong

24/01/2020

Chairs for elderly

Hello, I happen to have 5 chairs for a ...




Chen Zheng Dong

24/01/2020

Chairs for elderly

Hello, I happen to have 5 chairs for a ...




Chen Zheng Dong

24/01/2020

Chairs for elderly

Hello, I happen to have 5 chairs for a ...




Chen Zheng Dong

24/01/2020

Chairs for elderly

Hello, I happen to have 5 chairs for a ...



Gwendolyn Chan

☆

☆


☆

☆

☆


Requesting for:

Bicycle for 1 child



Hello, I happen to have a spare child size bicycle at home. I was wondering how do I donate it to y'all?

6:24pm



6:26pm

Hi Cassandra! Thanks for enquiring! Here is our location.

6:24pm

<https://maps.app.goo.gl/GE6C7r1dmog8b1Lk9>

6:25pm

Can I know the condition of the bicycle first?

6:25pm

Complete

See Post

Your messages here...

Send

Delivery scheduling tool

Find a common time-slot easily without tedious scheduling

The screenshot shows the GiftForGood.sg website with a delivery scheduling modal open. The modal displays a calendar for April 2020, allowing users to select dates and time slots for delivery. The background shows a list of items for sale, including bicycles and mahjong tables, and a chat interface at the bottom.

GiftForGood.sg

Search post or users

Suggest Dates to deliver
*Please select up to 5 dates

April 2020
1 Apr - 7 Apr

1 APR (SUN)	2 APR (MON)	3 APR (TUE)	4 APR (WED)	5 APR (THU)	6 APR (FRI)	7 APR (SAT)
9:00am - 10:00am	9:00am - 10:00am	9:00am - 10:00am	9:00am - 10:00am	9:00am - 10:00am	9:00am - 10:00am	9:00am - 10:00am
10:00am - 11:00am	10:00am - 11:00am	10:00am - 11:00am	10:00am - 11:00am	10:00am - 11:00am	10:00am - 11:00am	10:00am - 11:00am
11:00am - 12:00pm	11:00am - 12:00pm	11:00am - 12:00pm	11:00am - 12:00pm	11:00am - 12:00pm	11:00am - 12:00pm	11:00am - 12:00pm
12:00pm - 1:00pm	12:00pm - 1:00pm	12:00pm - 1:00pm	12:00pm - 1:00pm	12:00pm - 1:00pm	12:00pm - 1:00pm	12:00pm - 1:00pm
1:00pm - 2:00pm	1:00pm - 2:00pm	1:00pm - 2:00pm	1:00pm - 2:00pm	1:00pm - 2:00pm	1:00pm - 2:00pm	1:00pm - 2:00pm
2:00pm - 3:00pm	2:00pm - 3:00pm	2:00pm - 3:00pm	2:00pm - 3:00pm	2:00pm - 3:00pm	2:00pm - 3:00pm	2:00pm - 3:00pm
3:00pm - 4:00pm	3:00pm - 4:00pm	3:00pm - 4:00pm	3:00pm - 4:00pm	3:00pm - 4:00pm	3:00pm - 4:00pm	3:00pm - 4:00pm
4:00pm - 5:00pm	4:00pm - 5:00pm	4:00pm - 5:00pm	4:00pm - 5:00pm	4:00pm - 5:00pm	4:00pm - 5:00pm	4:00pm - 5:00pm
5:00pm - 6:00pm	5:00pm - 6:00pm	5:00pm - 6:00pm	5:00pm - 6:00pm	5:00pm - 6:00pm	5:00pm - 6:00pm	5:00pm - 6:00pm

Cancel Ok

for enquiring! Here is our location.

aps_app_gsm_sl/GE6C7rfdmgsRbLAK9

I will initiate the dates first.

24/01/2020

Your messages here...

Send

Tracking board

Keep track of posts easily, and bump urgent posts if needed

GiftForGood.sg

Search post or users



Post



Funan Pte Ltd.



Ang Mo Kio Ave 6,
#01-4011 Block 123,
Singapore 560123

6511 6686

Posts

Reviews

Edit Profile



Funan Pte
2.5km away

1hr ago

Rice supplies

Lorem ipsum is simply dummy text of the printing and typesetting industry. Lorem ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting.

BUMP IT



Funan Pte
2.5km away

1hr ago

Rice supplies

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BUMP IT



Funan Pte
2.5km away

1hr ago

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BUMP IT

Bump feature
brings old posts
up to the top

Status of listings
can be updated
and tracked easily

Appreciation message

Donors can feel appreciated for their philanthropic efforts

The screenshot displays the GiftForGood.sg interface. On the left, a list of requests is shown, including one for a bicycle for a child and several for chairs for the elderly. The main area shows a request for a bicycle with a star rating and a 'Requesting for: Bicycle for 1 child' label. A 'Thank you.' modal is open, prompting the user to write a message to the donor. The modal text reads: 'Write a thank you message. This will be automatically sent to the donor.' Below this, a pre-filled message is shown: 'Dear Gwendolyn Chan, thank you for your donation! The beneficiary really love the item and they are grateful for the item.' The modal has 'Cancel' and 'Submit' buttons. In the background, a bicycle is visible. On the right, a chat interface shows messages from 'Hi Cassandra!' and a link to a location. The bottom of the screen features a 'Your messages here...' input field and a 'Send' button.

GiftForGood.sg Search post or users

Gwendolyn Chan 24/01/2020
Bicycle for 1 child
Hello, I happen to have a bicycle for a ...

Chan Zai Kai 24/01/2020
Mahjong Table for elderly
Hello, I happen to have a mahjong for a ...

Chan Zheng Dang 24/01/2020
Chairs for elderly
Hello, I happen to have 5 chairs for a ...

Chan Zheng Dang 24/01/2020
Chairs for elderly
Hello, I happen to have 5 chairs for a ...

Chan Zheng Dang 24/01/2020
Chairs for elderly
Hello, I happen to have 5 chairs for a ...

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Chan Zheng Dang 24/01/2020
Chairs for elderly
Hello, I happen to have 5 chairs for a ...

Gwendolyn Chan
★★★★☆
Requesting for:
Bicycle for 1 child

6:24pm
Hello, I happen to have a bicycle for a ...
I was wondering if ...

6:26pm

Thank you.
Write a thank you message. This will be automatically sent to the donor.

Dear Gwendolyn Chan, thank you for your donation!
The beneficiary really love the item and they are grateful for the item.

Cancel Submit

Hi Cassandra! Thanks for enquiring! Here is our location.
6:24pm

<https://maps.app.goo.gl/GE6G7rfdmpgBbLk9>
6:25pm

Can I know the condition of the bicycle first?
6:25pm

Your messages here... Send

End Goal

How we aim to help NPOs

392

Make the process more **seamless** for the 392 NPOs on Pass It On



Cut down the amount of time social workers spend on **administrative tasks**



Allow them to **focus** on their main job, which is to **attend to clients**



Incentivise **more NPOs** to become **active** users

End Goal

How we aim to help donors



Make the experience **mobile-friendly** and more **seamless** for donors



Incentivise more Singaporeans to **give back** to their communities in new ways



Incentivise more **corporates** to do good (CSR)

Our Proposed Timeline

- Prototyping
- User interview

- Prototyping
- User testing

April

June - July



May

Aug

- Prototyping
- User interview

- Launch

FAQ

Do partners need to provide any resources?

- No.
- Development of web app is **sponsored by Google**.
- Coding man-hours is **volunteered** by DSC Team B.

How will Gift for Good “verify” lower-income families on the platform?

- Lower-income beneficiaries will not be using the platform. Instead, **social workers from non-profit organisations will be using the platform** to request for items on behalf of the beneficiaries.
- This is to prevent potential abuse of the platform. We want items to get a new lease of life in the hands of people who really need them.

FAQ

How will DSC keep the data secure?

- The data will be stored using Google infrastructure which is secure.
- There will be additional rules that help to prevent data access from anyone else.
- Only users can access their own data and administrator can access everyone's data.

When will the new platform be ready?

- Web development will take about 4 months.
- The new web application is expected to be **ready by end Aug 2020**.



THANK YOU

**If you are interested to find out more,
please contact us!**

ext.head.biz.b.dscnus@gmail.com

