

WELCOME TO THE GIVING CHAIN

The Giving Chain 2021



www.TheGivingChain.org



AGENDA

Introduction and Housekeeping

Recap Project

Current Projects and Checkpoints

Business Team Updates

Technical Team Update

Getting Involved

Start a contribution EVENT !!!

Join Working Group call



Antitrust Policy

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Introduction

Project

The Giving Chain & The D2R Application



Project Management Team

Bobbi Muscara

Project Manager – Hyperledger Giving Chain

Director Education Ledger Academy

Author of Linux Foundation Blockchain Courses for LFS171

Hyperledger TSC Member

Chair OF THE Learning Materials Working Group

Hardik Gupta

Project Manager – Hyperledger Giving Chain

Member OF THE Learning Materials Working Group

The Giving Chain

Mentee / Project Management / Technical Lead

Madhu Bhatia

Project Manager – Hyperledger Giving Chain

DLT Talent program of Frankfurt School of Finance and Management Blockchain Center

2021 LiFT Scholarship Women in open-source

Research Scholar /Trainer



Social Impact Blockchain Project

Checkpoint 1: Impact Opportunity

Checkpoint 2: Business Model Validation

Checkpoint 3: Technical Architecture

Checkpoint 4: Impact Measurement

Checkpoint 5: Code

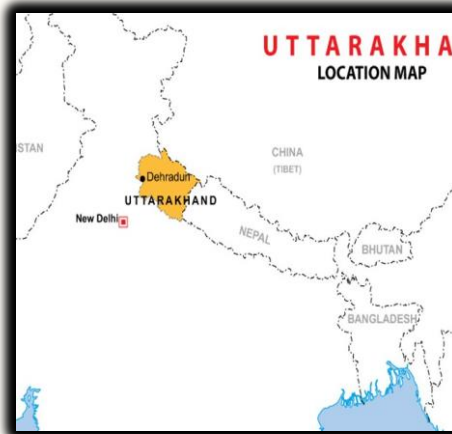
Checkpoint 6: Final Submissions Due

Project Recap

Giving Chain Princeton



Giving Chain India / Uttarakhand



Giving Chain India Women



Checkpoint 1: Impact Opportunity

Princeton

Select your challenge.

Develop an agile & transparent network for connecting surplus foods & supplies to communities in need.

To create a decentralized system that collect excess food supplies from local resources and distribute these resources to local area facilities in need.

Define the scope of problem

For our summer project, we are limiting the POC to a small number of local farmers with excess food supplies (pick up dates September 3, 4 and 5) to be picked up by transportation volunteers who will bring donations to agreed upon drop off point .

India – Women ,

we are limiting the POC to Rural area in India. Supplies purchased will be picked up by transportation volunteers who will transport hygiene supplies to drop off point in rural areas.

Checkpoint 1: Impact Opportunity

India – Uttarakhand, Princeton, India - Women

Select your challenge.

Develop an agile & transparent network for connecting supplies and aid to local food banks and flood damaged communities in need. To create a decentralized system that collect needed supplies from local resources and crowdfunding efforts and distributes these resources to Foodbanks and flood victims.

India – Women , we are limiting the POC to Rural area in India. Supplies purchased will be picked up by transportation volunteers who will transport hygiene supplies to drop off point in rural areas.

Define the scope of problem

For our summer project, we are limiting the POC to local food banks and Uttarakhand flood victims . Supplies collected and purchased to be picked up by transportation volunteers who will transport food supplies to agreed upon drop off point .

Checkpoint 2: Model Validation

- Who are your **clients/users**? *Sketch your user.*
- What are their **pain points**? How does your solution solve them?
 - Can it **be scaled**?



Donors

Volunteers / Drivers

Recipients

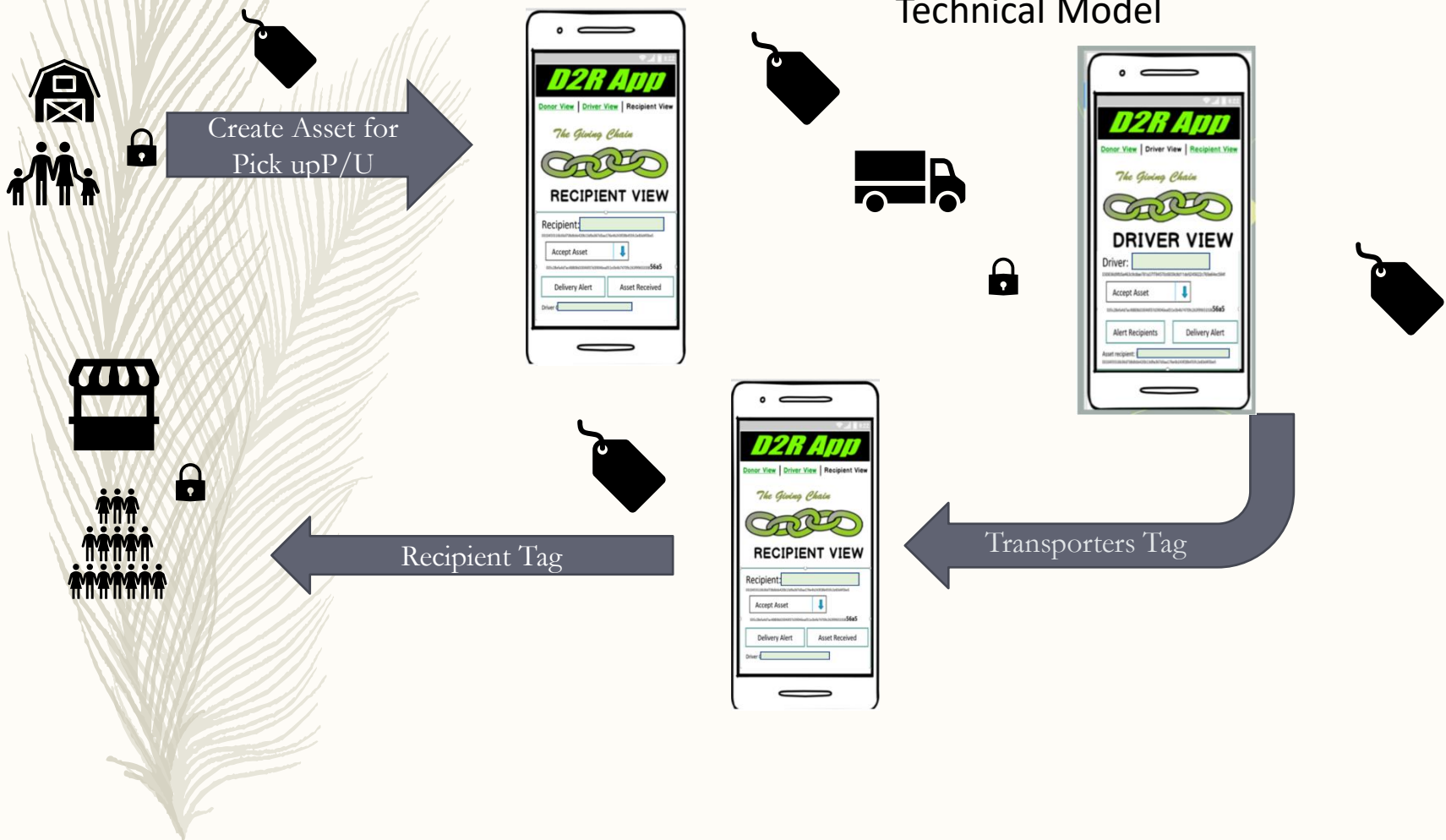


Giving Chain Technical Model

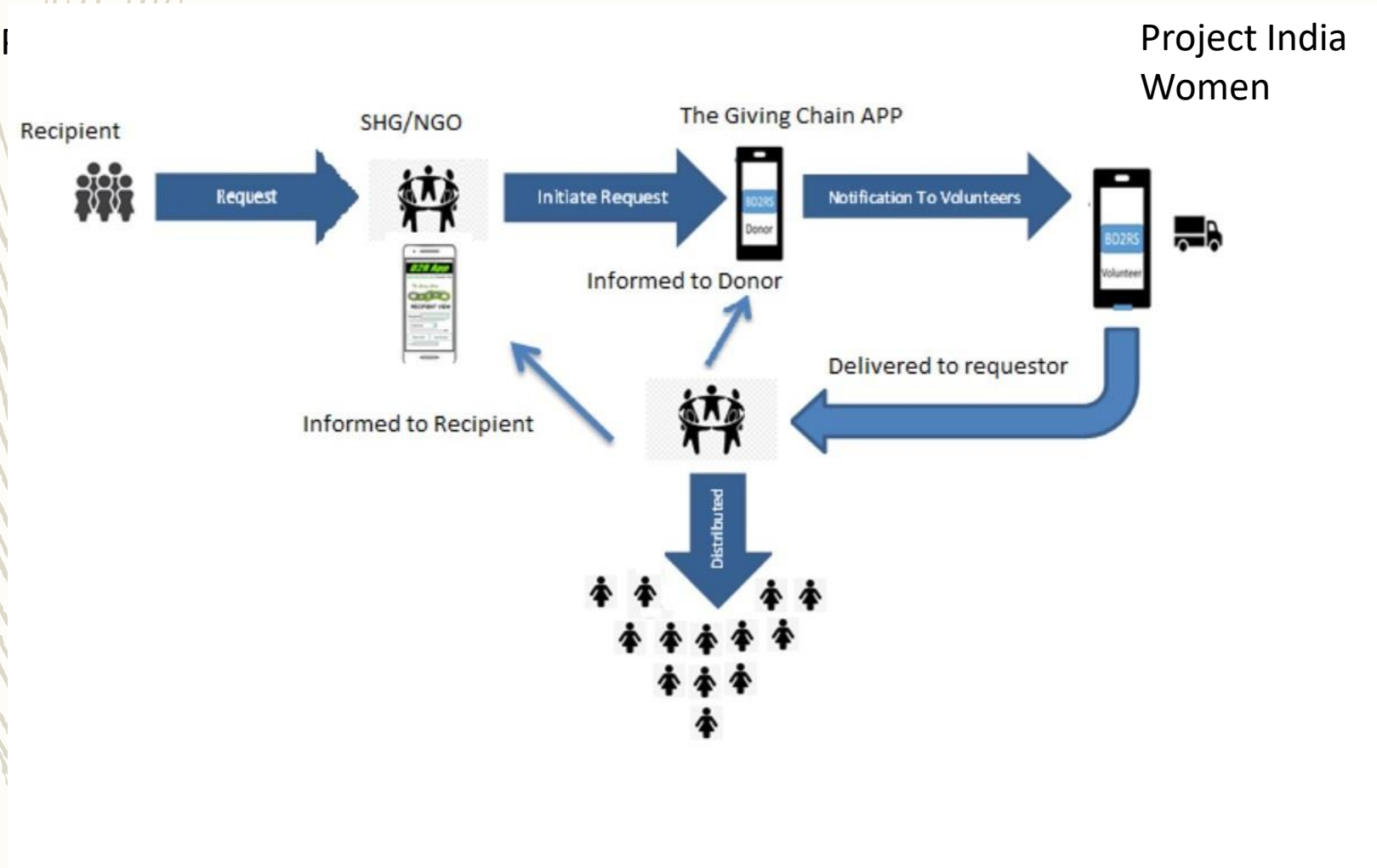
The D2R app

10

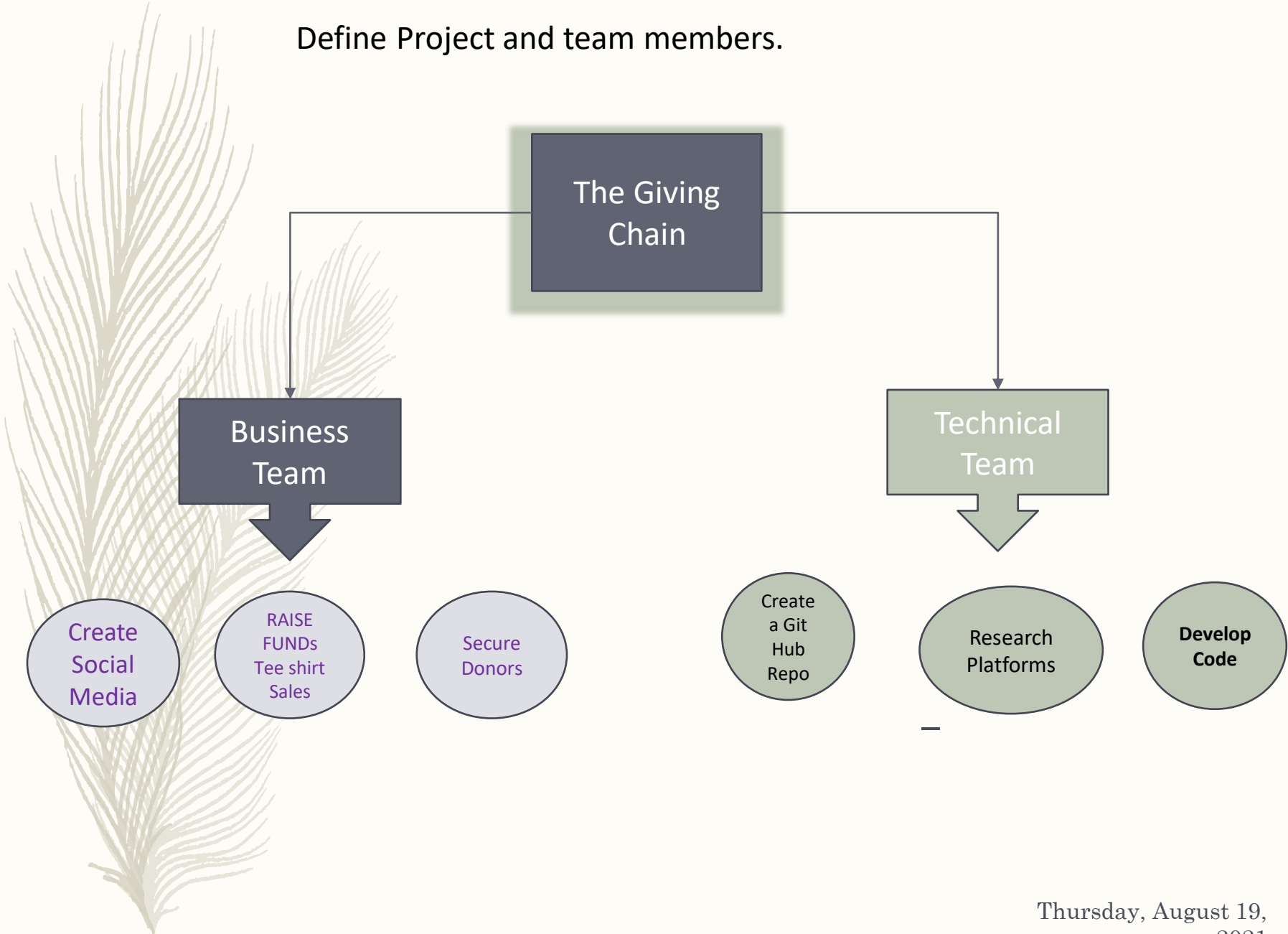
Princeton and Uttarakhand :
Technical Model



Checkpoint 3 Business and Technical Modeling



Define Project and team members.



Business Development



Date for Project Labor Day weekend September 3, 4 and 5, 2021

Social Media (Advertise The Project)

Be a Social Media pioneer

<https://www.facebook.com/TheGivingChain>

<https://www.instagram.com/thegivingchain/>

<https://t.me/BCPrinceton>

https://twitter.com/bc_princeton

LinkedIn

Group: <https://www.linkedin.com/groups/9055378/https://wiki.hyperledger.org/pages/viewpage.action?pageId=51613841>

To Do:

Fund raiser events

Tee Shirt Sales and Distribution

Marketing Materials

Business Development

Web Site and Donations



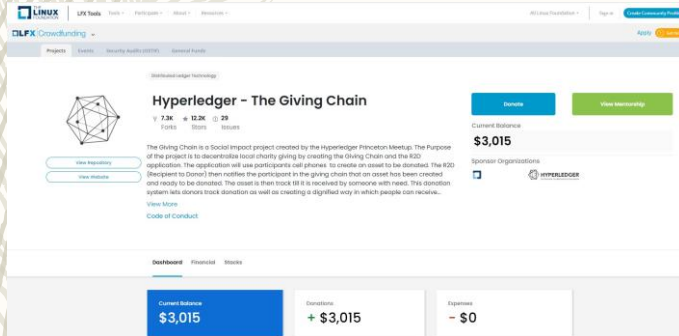
Donate to Project

<https://gofund.me/b0840750>

Tee-shirt Sales



Institutional Investors



Corporate Funding (For the project development):

<https://crowdfunding.lfx.linuxfoundation.org/projects/hyperledger-the-giving-chain>

General Funding (For the use of buying goods):

<https://crowdfunding.lfx.linuxfoundation.org/initiative/fabcb0b5-cecb-452b-a7e1-55bf31065c4a>

The General Funds will be distributed on Project Day.

Business Development

Marketing Material

Power Point
Farm Produce Collection Days Posters
Printed GoFundMe Pages





Technical Team Steps

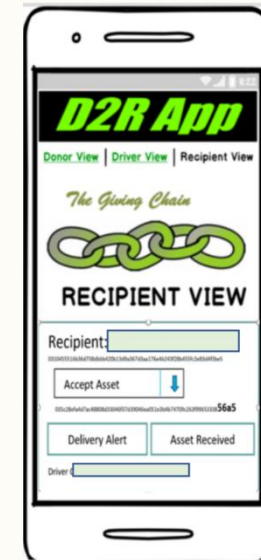
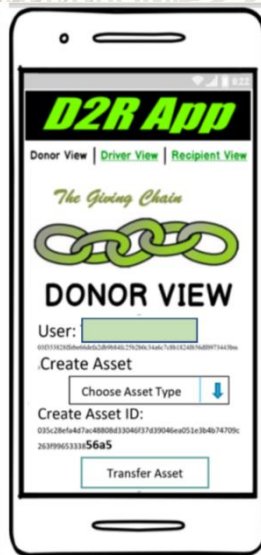
Decide on a platform:

- Hyperledger Sawtooth
Distributed Ledger Platform we Used in 2019
- Hyperledger Firefly
Potential Blockchain As A Service

Making The Giving Chain a Hyperledger Lab

Prototype your solution the R2D Application

Working code
Analog prototype / Mock-ups
Tech Stack and Wireframes
Create blockchain and implement.





GitHub

- **Enter Into Lab – Needed Space for Tech Team to work.**
- **GitHub is a web-based version-control and collaboration platform for software developers.**
- **Hyperledger Labs aims to provide a channel suitable for innovation and testing of ideas where work can easily be started without the creation of a formal Hyperledger project. It will allow teams to experiment with new frameworks and new modules without the promise of stable code.**

The Giving Chain Sawtooth

- Technology Fact Finding: SAWTOOTH
- Discussion with Technical Team at Sawtooth
- Last time we covered the functionality of SAWTOOTH
- The Example we used for the 2019 project isn't compatible with the latest version of Sawtooth
- Suggestion: Look at GRID

The Giving Chain FIREFLY

- Technology Fact Finding: FIREFLY
- Discussion with Technical Team at FIREFLY
- What is FIREFLY

Thursday, August 19,
2021

The Giving Chain 2021

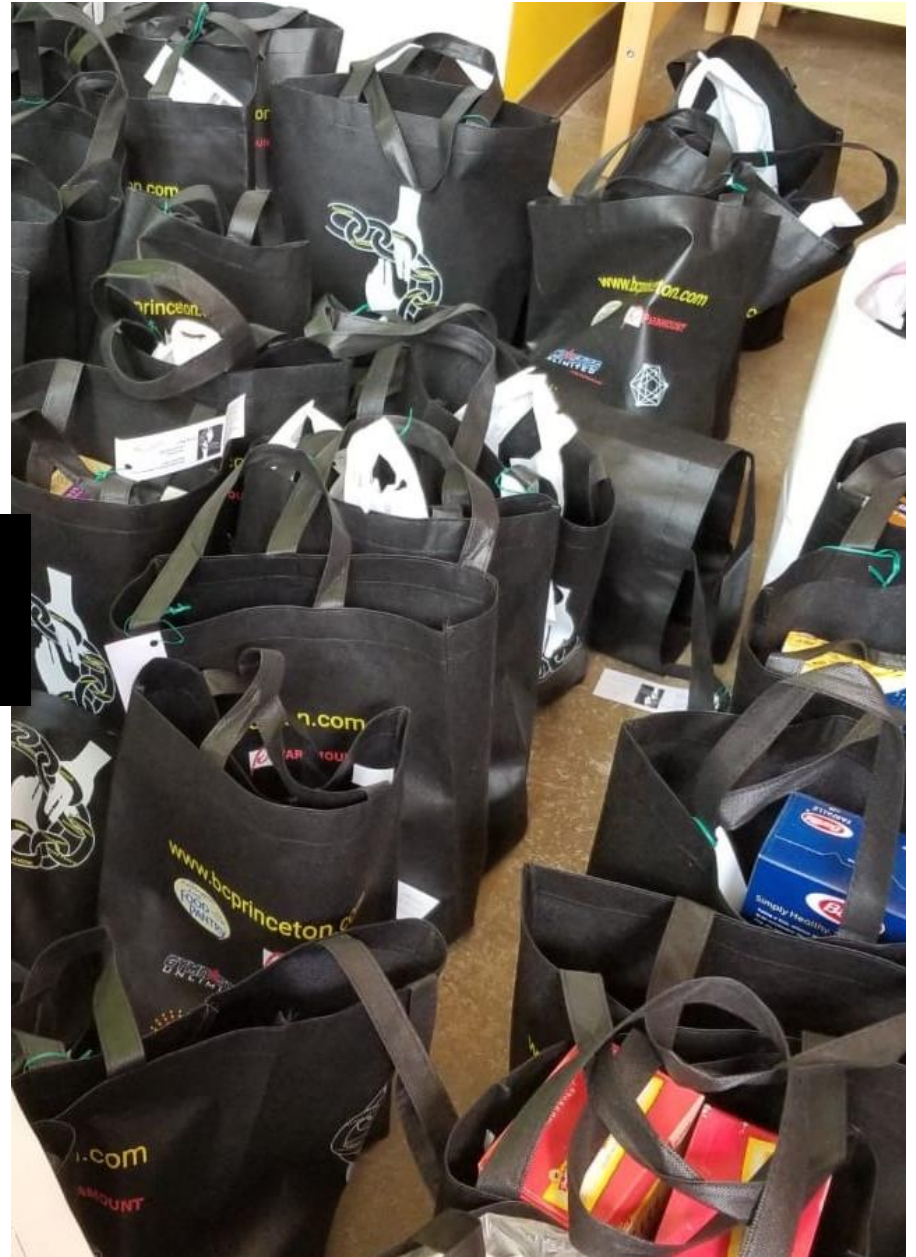


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**Project Day
Collection
8/2019**





**Project Day
Transportation
8/2019**





**Project Day
Delivery 8/2019**



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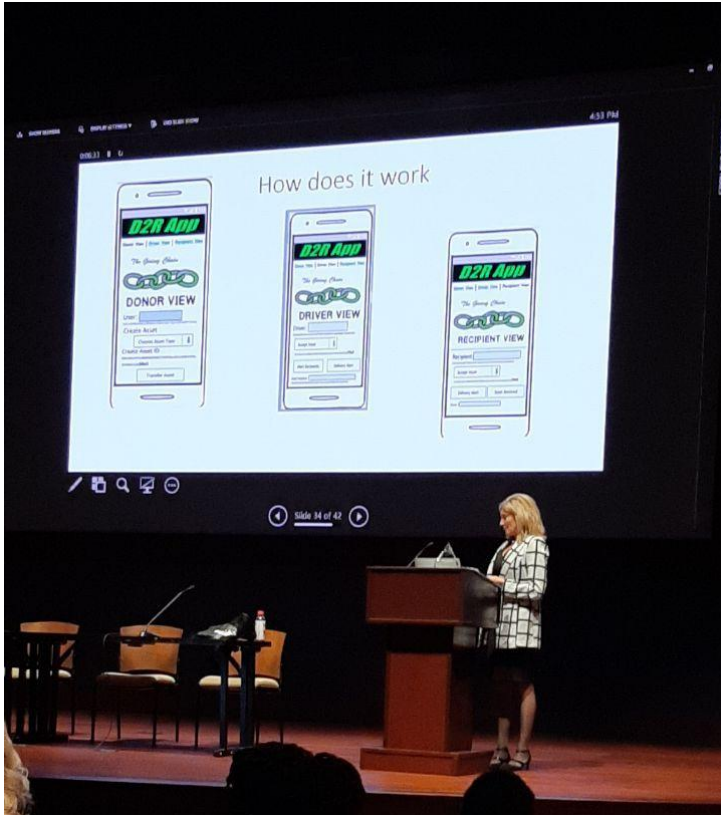
**Big Apps
Blockchain
Challenge
Honorable
Mention 9/2019**



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**GBA Awards
2020
Government
Blockchain
Award for
Social Impact**



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Government Blockchain Association



Government
Blockchain
Week

GOVERNMENT BLOCKCHAIN WEEK 2021
"The Future of Money Governance and The Law"

Washington DC, September 27 - October 2, 2021
www.GBAglobal.org/GBW20




Come to Washington DC
for the largest
government blockchain
event in history

September 27 - October 2, 2021




Government Blockchain Association



Government
Blockchain
Week

GOVERNMENT BLOCKCHAIN WEEK 2021
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The Future of Money,
Governance, & The Law

Art Show

*What I Hope to See
Blockchain Achieve in
My Lifetime*



Artist Needed

The GBA will be hosting a
digital (online) Art
Show during **Government
Blockchain Week, Sept 27-
Oct 2, 2021**

'What I Hope to See Blockchain Achieve in My Lifetime'

2021 GBA Art Show Submission

The Giving Chain



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The Giving Chain



TOGETHER
we can do it !



Thursday, August 19,
2021



The Giving Chain 2021

Thursday, August 19,
2021

Thank You

References

- <https://www.kaleido.io/blockchain-blog/meet-firefly-the-first-open-source-multi-party-system>
- <https://labs.hyperledger.org/firefly/>
- <https://www.kaleido.io/hyperledger-firefly>
- <https://www.youtube.com/watch?v=Ft1A9B9GPhU>

