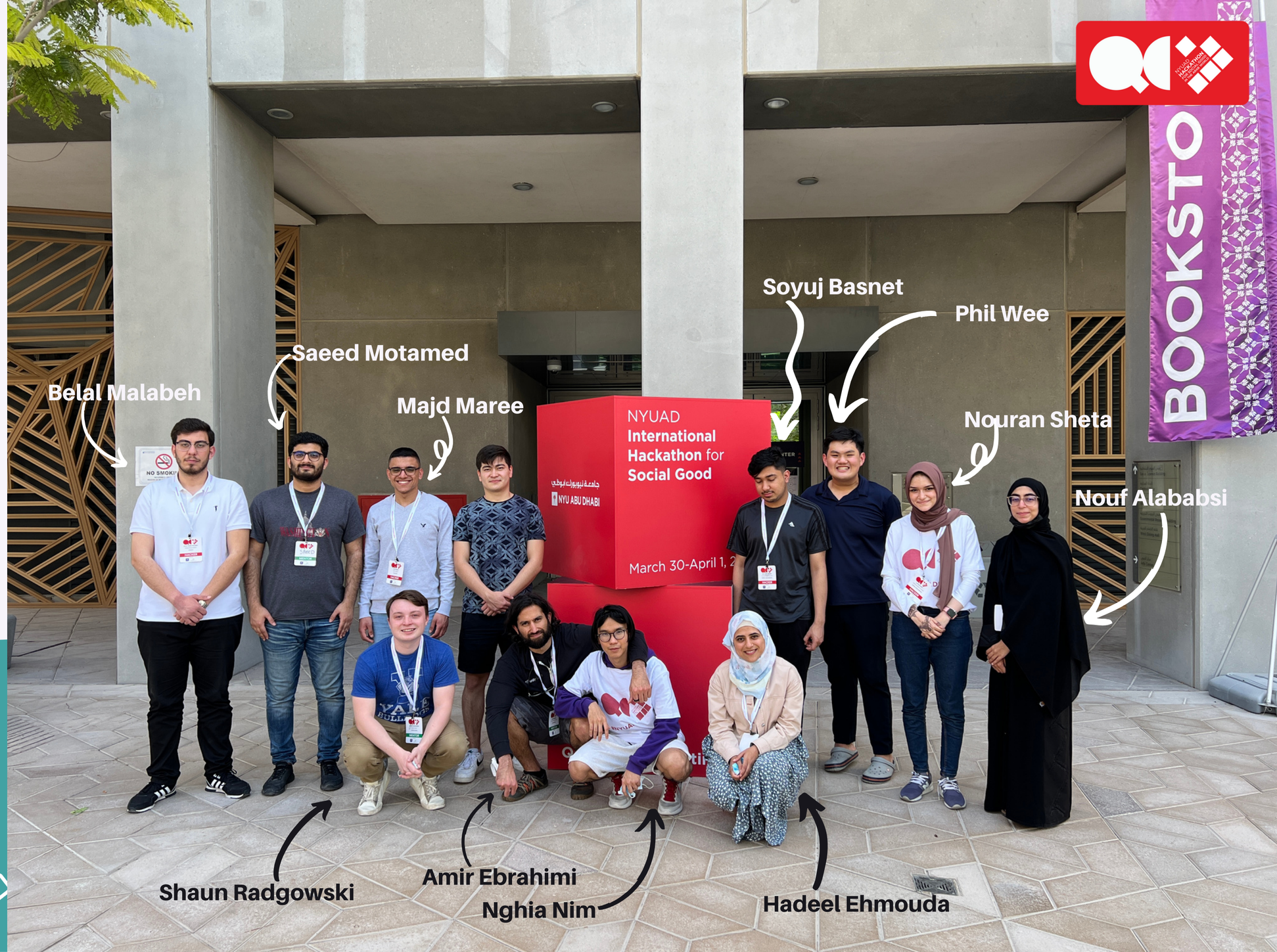
Our Team

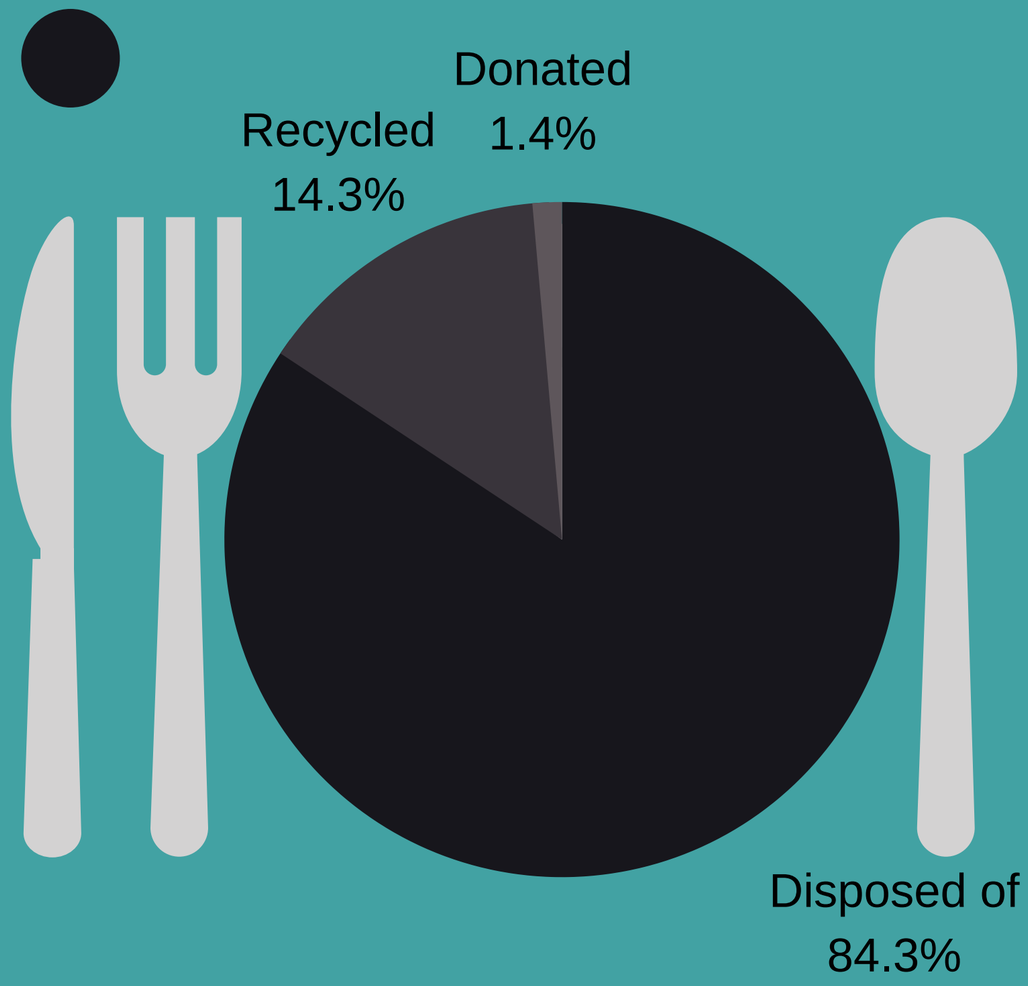

Belal Malabeh
Saeed Motamed
Majd Maree
Soyuj Basnet
Phil Wee
Nouran Sheta
Nouf Alababsi
Shaun Radgowski
Amir Ebrahimi
Nghia Nim
Hadeel Ehmouda
NYUAD
International
Hackathon for
Social Good
NYU ABU DHABI
BOOKSTO

Qloud9

The Problem

Rampant food waste, disproportionately affecting marginalized communities

Unused Food in the U.S. Restaurants Ends Up...



The Solution

Reimagining food redistribution

- User-friendly web interface for reporting surplus food
- Quantum cloud engine for optimizing retrieval routes
- Efficient mobilization of resources

Hack Stack

Quantum

- QUBO
- D-wave

Back-end

- Flask
- Google API
- Python

Front-end

Web app employing

- HTML, CSS, JavaScript

Demo Time!

Impact

25%
of transportation resources can be saved, estimated as 24.3MM AED annually

>8,000 /day
can be fed in the UAE alone[3]

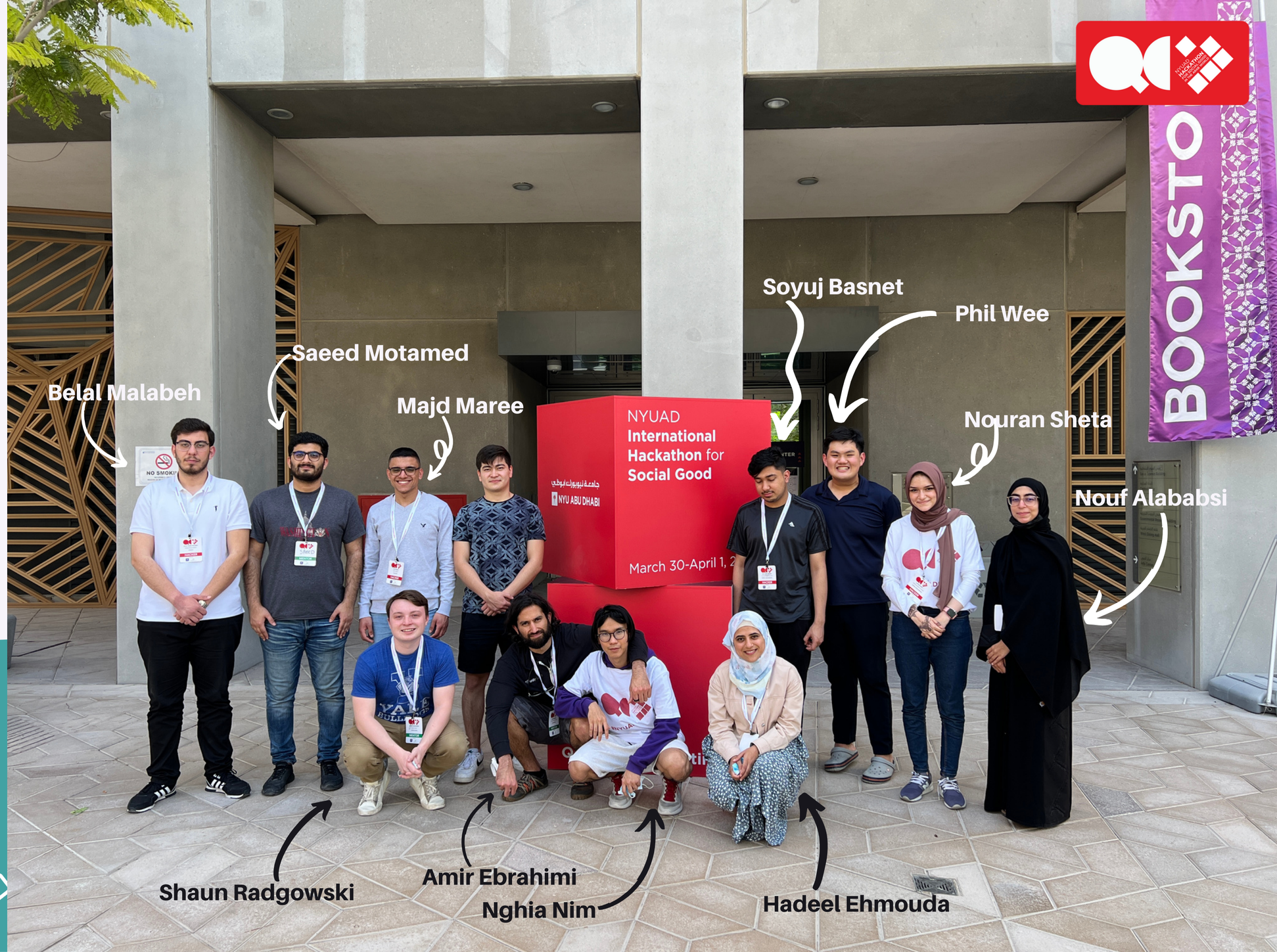
Scalability

- Our solution has the capacity to scale alongside Quantum Technology to cover larger geographic areas, with numerous vehicles and pick-up points

Next steps

1. Incorporate a consumer interface for users to report their own ort for collection
2. Partner with NGOs to design redistribution networks and serve marginalized populations
3. Continue to optimize our system to adapt to the evolving Quantum technologies

Our Team


Belal Malabeh
Saeed Motamed
Majd Maree
Soyuj Basnet
Phil Wee
Nouran Sheta
Nouf Alababsi
Shaun Radgowski
Amir Ebrahimi
Nghia Nim
Hadeel Ehmouda
NYUAD
International
Hackathon for
Social Good
NYU ABU DHABI
March 30-April 1, 2
BOOKSTO

- **Amir Ebrahimi (Mentor)** - Principal Software Engineer, Austin/Unity Technologies, USA
- **Shaun Radgowski (Mentor)** - Financial Analyst, Morgan Stanley, USA
- **Saeed Motamed (Mentor)** - Cloud Solution Architect, Microsoft, UAE
- **Hadeel Ehmouda (Student)** - Master's Student, Birzeit University, Jordan & Palestine
- **Phil Wee (Student)** - Undergraduate, NYUAD, Philippines & UAE
- **Soyuj Jung Basnet (Student)** - Undergraduate, NYUAD, Nepal & United Arab Emirates
- **Nouran Sheta (Student)** - Undergraduate, AUS, Egypt & UAE
- **Belal Malabeh (Student)** - Undergraduate, Applied Science University, Jordan
- **Majd Maree (Student)** - Undergraduate, Birzeit University, Palestine
- **Nouf Alababsi (Student)** - Undergraduate, NYUAD, Junior, UAE
- **Nghia Nim (Student)** - Undergraduate, NYUAD, Vietnam & UAE

Sources

[1] https://foodwastealliance.org/wp-content/uploads/2020/05/FWRA_BSR_Tier3_FINAL.pdf

[2] https://www.who.int/news/item/12-07-2021-un-report-pandemic-year-marked-by-spike-in-world-hunger#:~:text=On%20other%20measurements%20too%2C%20the,as%20the%20preceding%20five%20combined

[3] https://www.infomigrants.net/en/post/30887/unhcr-55-million-syrian-refugees-70-in-poverty