Our projects
Winter semester
2019-2020
Technion—Israel Institute of Technology

Faculties
Aerospace Engineering
Architecture and Town Planning
Biology
Biomedical Engineering
Biotechnology and Food Engineering
Civil and Environmental Engineering
Chemical Engineering
Chemistry
Computer Science
Education in Technology and Science
Electrical Engineering
Humanities and Arts
Industrial Engineering and Management
Materials Science and Engineering
Mathematics
Mechanical Engineering
Physics

15,000 students
600 permanent academic members
1,500 accompanied faculty

Nobel Prize winners that graduates of the Technion:

Aaron Ciechanover and Avram Hershko, discovery of ubiquitin-mediated protein degradation, Chemistry, 2011

Dan Shechtman, discovery of quasicrystals, Chemistry, 2011
The problem
The organization needs to send a vehicle to check the bin inventory and empty it, sometimes they send vehicle but they don’t need to empty the bin.

The solution
Using a sensor that attaches to the bin and alert when it's full and the vehicle know that this is the time to take the clothes from the bin.
Robin food is an organization that acts to reduce food waste and take food that should be thrown away for using.

The goal of the app is to reduce the waste off food by sharing our extra food for other people that can use it. The sharing of food can be between people or farmers and nonprofits organization.
The goal is to transfer the organization to the twenty-first century. By using the technology to help them on daily basis.

The solutions
Smart systems that streamline the organization's system in several aspects

Lev Chash provide short- and long-term assistance to underprivileged populations dealing with financial, and physical and mental health difficulties.
The Self questionnaire

Selling products to those in need without filtering or limiting according to their economic ability, by completing a self-report questionnaire at the entrance to the complex.

The goal
Encourage payment appropriate to the consumer's need and liaison with the association.
A system for tracking the volunteer support of the elderly in the city

The goal
Improving the volunteer system for the benefit of the city's elderly and tracking the health and the mental health of the elderly.
Volunteer management system

App for arranging volunteer shifts in the organization.

The goal
Arranging volunteers for the hours of operation and arranging exchanges between volunteers during shift times.
An application to best matching of the volunteer with kids with the cancer disease and follow up on their joint activities

The goal
the object of the program is to help the kids to cope with school requirements and not to stay behind.
controlling the stock inventory

Inventory control system arriving to the organization warehouse, by scanning the products when they arrived.
Inventory management system
For the employees, volunteers and consumers

The software, also designed for mobile, allows seeing the inventory in the organization, what items they have, what are the prices and where they located in the space.