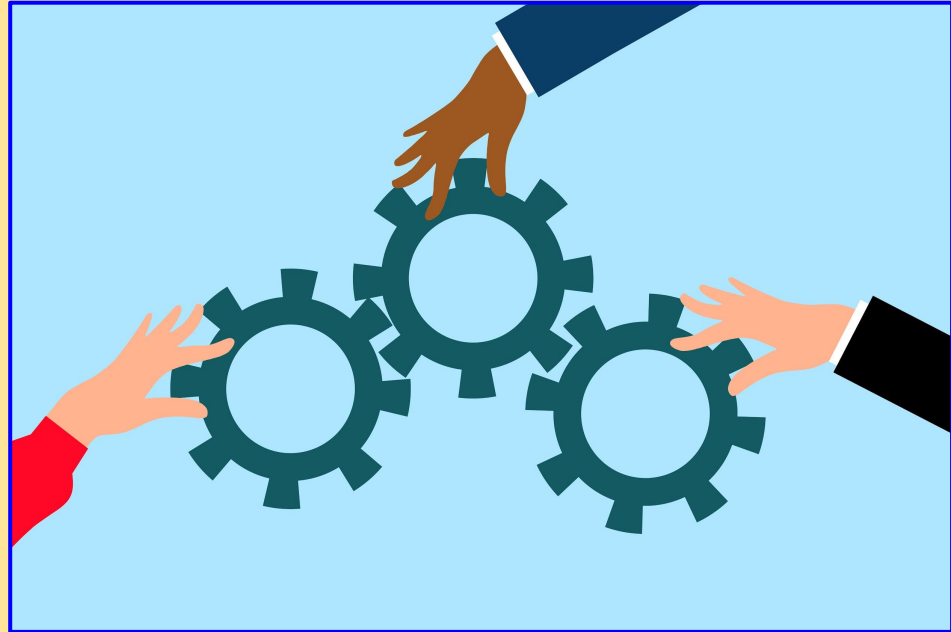


EMGT 5220: Engineering Project Management

The objective of this course is to examine the theory and practice of project management as well as the human, mathematical, entrepreneurial, managerial, and engineering aspects of project management. Service-Learning students are matched with Community Partners and work on semester-long projects assigned by CPs. Students work together to achieve goals set by their Community Partners while using Service-Learning frameworks like Asset-Based Community Development.

Faculty Member: Prof. John Bleakney

S-LTA: Pippa Lincoln Lenderking



Project Name: EHS ALUMNI & FRIENDS TUTORING CENTER

Group Members: Ajay Kartik Krishnakumar, Aditya Garchar, Neel Mukeshbhai Mistry, Vikas Goud Sunkari

Community Partner Name: Sage Masters

SUMMARY

As a team, we had a great time working on this project because we were tackling issues that would have a significant influence on the Tuition Center and enable stakeholders see the benefits.

Our community partner was really innovative, and we gained a lot of knowledge from her. Her major goal was to assist the students, and we were able to observe how hard she worked and what a motivated woman she is. We are very excited and pleased with the project deliverables and hope that the work we completed will assist the community partner in raising funds for the Tuition Center.



Team: Christopher Pike, Eugene Staroselsky, Aditya Kotecha, Arjun Bardasani, Bala Surya Teja Theeparti, Jayasurya Ravichandran, Vaibhav Aneja

The team completed a wide variety of small projects including but not limited to:

- Organizing an educational workshop
- Updating the Website
- Gathering data from prior and current events
- Organizing, consolidating, and analyzing data.
- Finding and securing educational grants.
- Program Outreach and Advertisement

What the Team Enjoyed:

- Hands On Experience with Real Impact
- Variety of Work to be done. There is a little bit for everybody.
- Very enthusiastic team and partners

Lessons Learned:

- Communication is Key
- A large team requires extensive organization
- Training and experience are necessary to quickly get off the ground



Little Angels Service Dogs

Community Partner:
Josh Drew (Executive
Director)

Group members:
Vishnu Vardhan
Naroju
Shruthi Sivaprakasam
Vishwajith Subhash
Sai Charan Sutharapu

Summary:

The aim of our project was to create a form with which the training data of the service dogs sent over to inmates in prison can be tracked. With the data obtained we were able to visualize and track progress and changes in dogs behavior. Our favourite part of the project was the meetings we had with our community partner and creating something which had a real-world impact. We were able to learn how to document each meeting with the community partner by preparing agendas and minutes of the meeting files.

Fenway Alliance



- *Project objective:* To evaluate Opening Our Doors (OOD) 2022 event and plan for OOD 2023 - this included attending the event in-person at Christian Science Plaza
- We enjoyed working with the Fenway Alliance team in preparing for, and on the day of the event as well
- We learned how to plan for surveys, data collection, possible pain-points in the process, and on how to manage scope creeps within the lifetime of a project

Team:

1. Balaji Sankar Arulanandham
2. Varun Kumar Gurusamy Chellamuthu
3. Sankesh Sankapani



Elderly Housing Development Operations and Corporation (EHDOC)

Team Members:

Ashwini Ahire

Sanket Bansal

Vaidehi Kannawar

Shraddha Padalkar

Service Coordinators:

Tracy Campbell

Paul Sullivan



SUMMARY:

On this journey, we had the opportunity to interact with elderly people, which was extremely rewarding. We helped them connect with their loved ones and doctors through online video conferencing, giving them easy access to buy their medications through online shopping. We also helped them to play online games and introduced them to YouTube so they could watch their favorite TV shows. We are extremely grateful for the opportunity to go and do something good.





DORCHESTER FOOD CO-OP

Community Partner- Bob Follansbee

CONTRIBUTIONS

<ul style="list-style-type: none">• Drafted survey form, based on point of sales	<ul style="list-style-type: none">• Organized old data in POS template
<ul style="list-style-type: none">• Compiled a summary of data set for data cleaning	<ul style="list-style-type: none">• Included power fields to the updated data sheet
<ul style="list-style-type: none">• Created unique member ID for members affiliated to family	<ul style="list-style-type: none">• Documentation

KEY LEARNINGS

PROBLEMS TACKLED

<ul style="list-style-type: none">• Communication skills	<ul style="list-style-type: none">• Ambiguous situations
<ul style="list-style-type: none">• Time Management skills	<ul style="list-style-type: none">• Data preparation tools
<ul style="list-style-type: none">• Data Preparation	<ul style="list-style-type: none">• Time management
<ul style="list-style-type: none">• Advanced Excel	<ul style="list-style-type: none">• Old data set

Boston-Area Jewish Education Program



The project team looked into form-based and CRM solutions that are best practice to help with student enrollment, management reports, alumni interactions, and operations. Reimagined BJEP's program administration support to reduce costs and enhance the effectiveness of current operations, including more robust and effective administrative tools and support systems, according to BJEP's Strategic Plan, which served as the basis for the creation of this project.

Along with the kickstart to our international projects and exposure, the team developed responsibility and commitment as a result of the program's demonstration this increases one's level of trustworthiness, and commitment demonstrates one's dedication and willingness to follow through on promises. We also learned the value of studying various activities as well as how to effectively communicate with someone I've never even spoken to.



Anushka Ladge

Harshad Jadhav

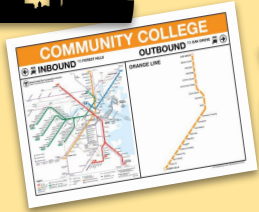
Krishnachandran Menon

Deep Shah

Afrimerican Culture Initiative

RESEARCH SUPPORTED BY

Northeastern University
College of Engineering



Objective: Illustrate the daily trip of METCO students, analyze the MBTA train system & create data points to aid storylines in relation to Boston Redline borders.

Methodology:

- **Researching**, **collecting** and **analyzing** data on:
 - Redlining areas.
 - METCO students' school trip.
 - MBTA design.
- **Raise** awareness by presenting our results in social media, community dissemination activities, and discussion events.

Team: **Henry Psaltos**, **Manaswini Kamtam**, **Vaishwik Jayswal**, **Anas Alkarawi**

Community Partner: **Marlon Solomon**