



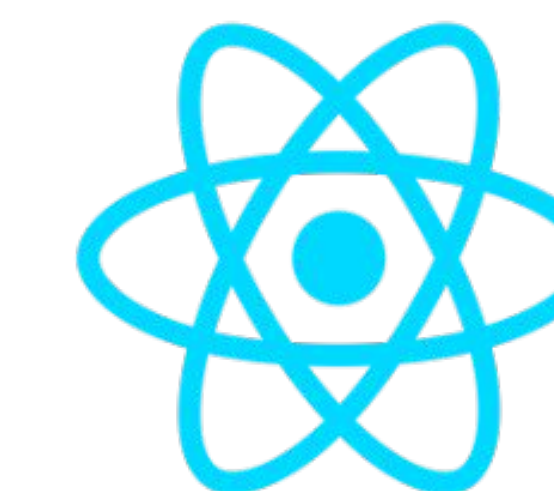
# Florida International University (SCIS)

Summer 2023 Capstone 2 Project

## Free Food FIU

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### PROBLEM

- Food waste and food insecurity are pressing issues on college campuses.
- Students often miss out on free food events due to lack of information.
- Students with dietary restrictions often struggle to find suitable food options at campus events.
- Addressing these challenges requires an innovative solution that connects students with campus events.

### USER INTERFACE

- Designed intuitive and visually appealing pages for event creation and management.
- Developed a streamlined process for users to create events with relevant information.
- Incorporated pictures of the event venue to provide a visual representation.

### REQUIREMENTS

- Create a platform to connect students with free food events.
- Allow students to search for events based on location and food type.
- Provide a user-friendly interface for event creation and management.
- Implement a database management system to store event information.
- Ensure that the platform is flexible, scalable, and easy to maintain.

FREE FOOD FIU

### Create an Event:

Event Name

mm/dd/yyyy

Location

0

Upload Invitation

Refreshments: ☐

Create Event

FREE FOOD FIU

### Saved Events:

Hackathon

August 2023 13 Time: 3:30 PM

Location: PG6 - Room 1234  
Participants: 125  
Refreshments: Yes

Refreshment Type: Empanadas  
Dietary Restrictions: Non-Vegan

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### IMPLEMENTATION

- Technology stack: MERN (MongoDB, Express.js, React.js, Node.js)
- Research and Learning: Prepared for the project by watching MERN stack videos
- Frontend Functionality: Implemented the frontend functionality for event creation as well as other management functionalities using React.js.
- Event Creation Page: Developed the page where users can create events.
- Saved Events Page: Developed the page where users can view and manage all the events they've created.
- Responsive design: Implemented a responsive design approach to ensure the platform is accessible and optimized for various devices.
- Collaboration: Actively participated in discussions regarding feature development and design.

### TESTING / QUALITY ASSURANCE

- Ensured the platform's functionality by conducting comprehensive tests on the event creation process.
- Implemented thorough testing and debugging processes to deliver a stable and reliable platform
- Collaborated with the team to iterate on the platform based on testing results

### CONCLUSIONS

The Free Food FIU project addresses food waste and insecurity by providing a centralized platform for students to discover and engage with free food events, the project aims to increase student participation, contribute to the reduction of food waste, and foster a more sustainable approach to addressing food insecurity. As the platform expands and gain users, it has the potential to make a significant difference in supporting students and promoting a sense of community across campuses.

### NEXT STEPS

- Continuously improve the platform based on user feedback and any evolving needs.
- Implement additional features such as event filtering and notifications.
- Expand the platform to other campuses and perhaps other institutions to maximize its impact.

### ACKNOWLEDGEMENT

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