

A modern multi-story building with a colorful glass facade, featuring vertical stripes of red, yellow, blue, and green. The building is set against a twilight sky with soft clouds. In the foreground, there are palm trees and a dark roofline. The text "Dream Team Engineering Designathon 2025" is overlaid in white, bold font, flanked by two horizontal white lines.

Dream Team Engineering Designathon 2025

November 8, 2025

A photograph of a modern, multi-story building with a glass facade. The glass panels are decorated with a grid of colorful, translucent panels in shades of red, yellow, blue, and green. The building is set against a twilight sky with soft clouds. In the foreground, there are palm trees and a parking lot with a few cars. The word "time" is visible in the lower right corner of the image.

Introduction

Hosts



Yusef Mujtaba

Co-Director of Sponsorships



Anjali Soni

Co-Director of Sponsorships

Schedule of Events

11/7

- 12 PM: Design Competition Begins

11/8

- 11:30 AM: Check-in Starts
- 12 PM: Software Competition Begins
- 6 PM: Dinner is served
- 8 PM: Just Dance! led by Natalia

11/9

- 8 AM: Breakfast is served
- 12 PM: All Competitions End
- 12-12:15 PM: Teams set up for demos
- 12:15-2:15 PM: Teams demo projects for judges
- 2:30 PM: Winner is announced!

What is my project evaluated on?

- Technical Complexity
- Novelty
- Potential for Impact
- Feasibility/manufacturability

Judging

- Judges + event facilitators will be in charge of evaluating projects
- After time is called, facilitators will move people to the proper areas to demo projects
- Each team will present their project for up to 3 minutes to judges
- The presentations will be followed up by 3 minutes of Q&A
- Judges will be taking notes while you present, so don't worry if they keep looking down at their papers!

Submissions

- Projects will be submitted through DevPost
- Design
 - Your 3D model (physical or virtual, can use any site you want as long as you send a link and have annotations on the model)
 - Devpost submission with everyone attached and a 1-4 page writeup on the project's target market, problem it solves, technology used, how to open it, etc.
- Software
 - The link to your GitHub!
 - Devpost submission with everyone attached and a 1-4 page writeup on the project's target market, problem it solves, technology used, how to open it, etc.

Judges

Design



May Khanna

Associate Dean of Innovation
at UF College of Medicine

Software



Ashish Aggarwal

Instructional Associate Professor at
UF College of Engineering

A photograph of a modern, multi-story building with a glass facade. The glass panels are decorated with vertical stripes of various colors (red, yellow, blue, green, purple). The building is set against a twilight sky with some clouds. In the foreground, there are some trees and a street with a few cars. The overall scene is dimly lit, suggesting dusk or dawn.

Frequently Asked Questions

time

FAQ

- **Can I stay overnight?**
 - Yes! Just make sure you get a red/white/blue bracelet.
- **Can I leave and come back?**
 - Yes! Just make sure you get a red/white/blue bracelet.
- **How many prizes are there?**
 - 1st Place: \$200 (\$50 per person max)
 - 2nd Place: \$150 (\$37.50 per person max)
 - People's Choice Award: \$100
- **What happens after presentations?**
 - In-person judging + award ceremony!
- **Where can we get electronic parts?**
 - Marston library part check-out!

A photograph of a modern, multi-story building with a glass facade. The building's facade is composed of numerous rectangular panels in various colors, including red, yellow, blue, and green, creating a vibrant, multi-colored effect. The building is set against a twilight sky with soft clouds. In the foreground, there are palm trees and a dark, sloped roof of a nearby structure. The overall scene is captured in a cinematic style with a blue and purple color palette.

Dream Team Engineering

time

What does Dream Team Engineering do?



Design

Utilizes 3D-modeling skills to build devices that improve the healthcare experience.



Software

Leverages programming skills to develop user-friendly medical applications.



Research

Tests the efficacies of our projects being used in the hospital.

Applications open at the beginning of Spring semester! Follow @dreamteamengineering for more!



Design Prompt

time

Design Prompt

Design a product or system that helps post-surgery patients regain mobility and adjust their position with ease, even when they have limited movement or strength. The solution should focus on enhancing comfort and autonomy, reducing reliance on caregivers during the recovery process.

A photograph of a modern, multi-story building with a glass facade. The building's facade is composed of numerous rectangular panels in various colors, including red, yellow, blue, and green, creating a vibrant, multi-colored effect. The building is set against a dark blue sky with some light clouds. In the foreground, there are some palm trees and a dark roof. The overall scene is captured during the "blue hour" or dusk, with a soft, dim light.

Software Prompt

time

Software Prompt

Optimize patient experience and save time for patients or physicians in primary care setting.

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Last Minute Team Selection Time!

time

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Let Designathon Begin!