



IISE DATA ANALYTICS & INFORMATION SYSTEMS (DAIS) MOBILE/WEB APP COMPETITION

The Data Analytics and Information Systems (DAIS) Division of the Institute of Industrial and Systems Engineers (IISE) announces the IISE DAIS Mobile/Web App Competition to recognize creativity and excellence among its members and motivate them to commercialize their research and learning outcomes to accelerate economic and societal benefits.

Scope of Mobile/Web App

Mobile/web apps that are based on concepts, principles, techniques, or applications related to the field of industrial and systems engineering will be accepted.

Eligibility of Participants

- A team can consist of a maximum of five members (1-3 student members and 1-2 faculty advisors).
- Student members can be undergraduate or graduate students from higher education institutes in industrial & systems engineering (or related fields).
- Student members should be enrolled at the time of submission of the proposal.
- At least one of the students must be a member of DAIS.

Competition Process

- **Proposal Submission:** Teams must submit a proposal (no more than 2 pages) describing their mobile/web app via email with the subject "DAIS Mobile/Web App Competition" to the chairs of the competition steering committee by **December 15, 2023**. The proposal must include (1) a list of team members and their affiliations, (2) a list of features of the mobile/web app, and (3) the target market segment(s) of the mobile/web app.
- **Mobile/web app submission:** Teams must submit (1) a prototype of their mobile/web app, (2) a software design document, and (3) a demonstration video, via email to the chairs of the competition steering committee by **February 10, 2024**. The competition steering committee will evaluate the submissions and select a maximum of four teams as finalists.

- **Oral presentation:** The finalist teams will attend the IISE Annual Conference & Expo 2024 to present their mobile/web app. The presentation will include (1) technical details of the mobile/web app, (2) a business plan to justify the need for their mobile/web apps in the marketplace, and (3) a demonstration of the prototype.

Evaluation Process

Each team will be evaluated by the following criteria:

- Originality
- Technical details of the mobile/web app
- Business plan to justify the need for the mobile/web app in the marketplace
- Demonstration of the prototype

Important Dates

December 15, 2023: Deadline for proposal submission

December 22, 2023: Notification of proposal acceptance

February 10, 2024: Deadline for submission of prototype mobile/web app and documents

March 5, 2024: Notification to finalist teams

May 18-21, 2024: Oral presentations of finalist teams at the IISE Annual Conference & Expo 2024 located in the Montréal Convention Centre, Montreal, Canada

Competition Steering Committee Chairs

Xiaowei Yue (yuex@tsinghua.edu.cn), Tsinghua University

Adam Meyers (axm8336@miami.edu), University of Miami