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/learning outcomes to accelerate the economic and societal benefits.

Scope of Mobile/Web App

Mobile/web apps that are based on any concept, principle, technique, or application 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 the field of Industrial & Systems Engineering (or related fields).
- Student members should be enrolled at the time of the submission of the proposal.
- At least one of the students must be a member of the IISE and 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 chair of the competition steering committee by **Dec. 22, 2022**. 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 (a) a prototype of their mobile/web app, (b) a software design document, and (c) a demonstration video, via email to the chairs of the competition steering committee by **Feb. 21, 2023**. The competition steering committee will evaluate the submissions and select a maximum number of four teams as finalists.
- **Oral presentation:** The selected finalist teams will attend the 2023 IISE Annual Conference & Expo to present their mobile/web app. The presentation will include (a) technical details of the mobile/web app, (b) a business plan to justify the need for their mobile/web apps in the marketplace, (c) a demonstration of the prototype.

Evaluation Process

Each team will be evaluated by the following criteria:

- Originality
- Technical details of the mobile/web app
- The business plan to justify the need for their mobile/web apps in the marketplace
- The demonstration of the prototype

Important Dates

Dec. 22, 2022: Deadline for proposal submission
Dec. 29, 2022: Notices of proposal acceptance
Feb. 21, 2023: Deadline for submission of prototype mobile/web app and documents
April 1, 2023: Notification to finalist teams
May 20-23, 2023: Oral presentations

Competition Steering Committee Chair

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