CCSC:MW 2025 Hackathon Competition

Policies and Links

Sept 18-20 2025

Problems Document: TBD

Competition Timeline:

- Friday, Sept. 19 Noon eastern time - Competition begins! The problem will be posted above and a link sent to all teams.

- Saturday, Sept. 20 11:00 am - Solution code submission due. Details will be given later.

- Saturday, Sept. 20 from 12:15-1:15 pm - Solution Presentations during the Lunch Break. Each team will be given 5 minutes to demonstrate the operation of their application, either in-person (HDMI) or virtually (link will be provided). Allow 5 minutes after for questions from the audience. Judging will occur at this time.

General Policies:

- Teams may be comprised of 1-4 undergraduate students
- Two categories of teams will be used:
  - Novice - All team members must have completed two or fewer programming courses.
  - Experienced - No restrictions on the number of courses.
- Teams may be present in person at the conference or participate remotely.
- Each of the two team categories will be ranked separately.
- Internet access is allowed - Due to the virtual nature of the competition, any team member may use resources online, including AI. The judges reserve the right to question the authorship of any submitted solution and disqualify a submitted solution, and/or disqualify a team from future submissions for a particular problem.
- Video, audio, or text conferencing between team members is allowed, as is any file transfer.

- Any team found to be communicating with someone other than their teammates for assistance will be disqualified.
- Any programming language and platform is allowed, provided it satisfies the use-case outlined in the problem statement.

Problem:

An application problem will be provided at the start of the competition. The problem will require some program or system to be designed and built using whatever language or platform. Note the judging criteria below. Note there are two levels of competitors, so use whatever you are most comfortable with to maximize the judging criteria. All code must be submitted either as a ZIP file or shared via a private GIT repository by the due-date. The submissions should contain a **README.txt** with rough instructions for how to install and run your application. A user manual is not required.

A **References.txt** document should also be included listing the websites, resources, or AI systems used to assist you in your solution.

Example problem:

Dr. Talaga's wife loves to play scrabble, but he is not very good. He is good at hiding the fact that he is interacting with a computer during the game. Design a program to assist him in playing a real-life game of scrabble.

Judging:

Judging will be based on code submission (Saturday at 11am), your five minute presentation during the noon lunch, and any questions following the presentation. Your presentation should walk the audience through the features of your solution and any novel aspects. Be prepared to display and discuss your code during questions.

Criteria:

- Functionality - Does the application meet the required goals?
- Accuracy - Does the application display correct data based on the inputs?

- Usability - Is the UI intuitive?
- Code Quality - Is the system modular, readable, and maintainable?
- Innovation - Does the application have any extra features not described in the problem?
- Demonstration - Was the walk through of the application sufficient to convey the features of your application?
- Questions - If any questions were asked after the presentation, were the answers satisfactory?

If you have any questions or concerns, please contact Paul Talaga email talagap@uindy.edu.

Good Luck to all!