SYNERGY HACKATHON 2022

GENERAL DETAILS:
DATE : 22nd October, 2022
TIME : 09:00 AM – 09:00 PM
Mode: Online
Domain: Web/App Dev

PROBLEM STATEMENTS:

1. **Crescendo Web/App:** Website/Android application for the management of various events carried out during Crescendo. Web/App should show all event cards with details like time, venue, participation points, deadline for registration. User should be able to register and login that includes his Name, Roll No., Class and password(for login). Users should be able to register for any event before the registration deadline time. A volunteer stakeholder access where users who show up and participate for the event can be marked and judged on various criteria by the judges for the event. A separate admin portal that can access all the details above using the linked database. The end of each event should display the total points for a class including participation points and winning points(if any). It should also display the schedule of events that will be conducted.

2. **Transcript Portal:** A website/app where students from all years can fill applications for their transcripts. Students should be able to fill applications for their transcripts online. The application will go to the TPO for approval. Once the TPO approves it through the portal, the student can then make their payment online or in person. Once all the requirements are met, the exam cell will initiate the process of getting the transcripts ready. The students should be notified once their transcripts are ready to be collected.

DISCIPLINARY RULES :

- Results of the round will be announced after all presentations are reviewed by the judges.
- Experienced mentors will be present to guide students and help them with any doubts that may arise.
- Additional rules may be declared on the day of the event. All participants must adhere to the same.

GENERAL RULES :

- A team should consist of 2-3 participants.
- Teams need to submit the priority form for the problem statements. The allotment of the problem statement will be told on 22nd October.
- Any team not complying with the rules and causing any kind of chaos shall be disqualified at the organizer's discretion.
- The decision of judges and Synergy Hackathon managing committee on matters including but not limited to qualification for the main event will be final.

TECHNICAL RULES :

- The participating teams must select any one problem statement to work on and should develop a viable software solution for the same. (Mobile Application and/or Desktop Application and/or ML model and/or Website and a presentation explaining their solution).
- Participants can use freely available servers/ their own servers for developing and/or presenting their product.
- For the judging round, teams need to show their entire implementation along with a ppt.
- Evaluation criteria will include
  - **o Novelty of the Idea**
  - **o Complexity and Clarity**
  - **o Feasibility, Practicability, Sustainability**
  - **o User Experience and potential for future work progression**