

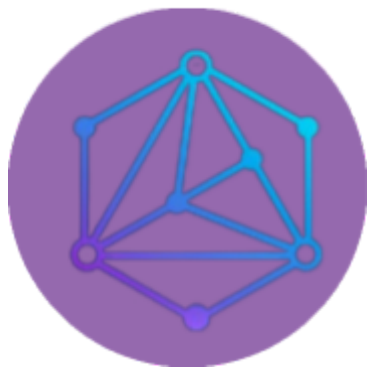


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24-25 MAY



Web Development Competition

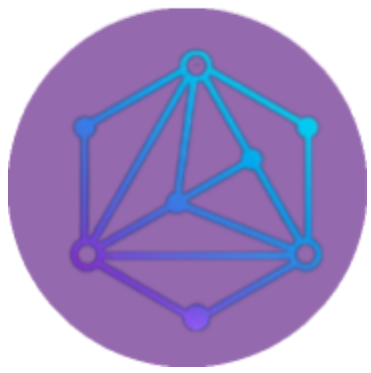
Register at: <https://tally.so/r/3xv88r>

Competition Overview:

- The duration of the competition is 24 hours.
- Each team would be given a theme or a general problem, and they would need to implement their ideas to solve that problem with a web application.
- The theme would be announced to all the participants 30 minutes before the competition.
- Teams must bring their own machines.
- The competition organizers will be providing the internet to download and use resources such as images, fonts, etc. However, participants are requested to bring their own internet to avoid any sort of inconvenience.

Competition Rules:

- **During the competition, participants are not allowed to go outside the university premises.**
- Teams cannot view the score sheets that are used for judging the websites.
- A team can work on a framework and language of their choice, but the use of WordPress or any other script is prohibited.
- Only the rest APIs are allowed.
- Teams must have knowledge of Microservices on Python (Fast API) and Node JS.
- Front-end should be implemented in React JS. (You can either use class-based components or function-based but not a mixture of both).
- Services should be containerized and submitted as Docker or Docker compose files.
- Teams are advised to revise concepts of docker, microservices and fast API.
- SQL or No SQL database can be used.
- Functionality will be tested in a 15-minute evaluation of the working website to the judges.
- Participants are required to be there at the time of evaluation. Failure to appear before the judge at the time of evaluation will automatically disqualify the project from the competition.
- The decision of the Judges will be final and cannot be challenged. Any team that fails to adhere to this rule may face disqualification.



- Teams should bring their own converters for the projectors so that their presentations can go smoothly.
- Any sort of unfair means, collaboration or discussion between two different teams may result in immediate disqualification from the competition.
- Disqualification from the competition will result in removal from further participation, and their respective institutes will be notified.

Team Eligibility Criteria:

- Each team should consist of a **minimum of 1 and a maximum of 3 participants**.
- Participants must be enrolled in an **undergraduate degree program**.
- Cross university teams are allowed.

Evaluation Criteria:

- Completion of requirements
- Front-end / Back-end Validations
- Back-end Architecture
- Visual Design
 - Simplicity
 - Consistency
- Case Study Analysis
 - Analyzing requirements: Determining whether the stated requirements are unclear, incomplete, ambiguous, or contradictory, and resolving those issues.
 - Perform technical analysis
 - Find constraints
- Design Approach
 - OO Analysis/Design or best practices of the relevant technology
 - Database Design
- Technology Selection Reason
- Code and design gap
 - Mapping design to code

Registration:

- The registration fee is **PKR 2500**.
- The registration fee is **non-refundable**.