



WEBWIZARD

WEB DEVELOPMENT AND HARDWARE BASED TECHNICAL COMPETITION
ISTE SRM Delhi-NCR CHAPTER

ISTE

Event Date: March 11, 2024

Introduction:

Welcome to the realm of innovation and creativity! Get ready to embark on an exciting journey into the world of web development. Let your imagination soar as you tackle challenges, showcase your skills, and unleash your potential in this thrilling competition. May the codes be ever in your favor!.

Instructions:

- You are advised to regularly check for emails and RSVP participants will only be allowed. Kindly accept the RSVP' confirmation.
- Team size can vary between 1-4 participants and one participant can not be in multiple teams.
- OD permission will be granted only to those participants who are present at the event venue.
- Participation certificates will be provided after signing and proper validation.
- Participants can bring their laptops and smartphones but are requested to keep their devices on silent mode.

Participation Guidelines:

- With the release of problem statements you can start your work with any single problem statement of your choice in online mode at your working space.
- Deadline to submit your Project is 11th March, 2024, 1:00 am.
- Submit your work with necessary documentation and in proper format.

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- Any failure in submission will be your sole responsibility and will immediately lead to disqualification.
- Exact time and venue will be announced soon.

Prize pool:

Software:

1. First Team will be awarded with a winning amount of 3000 rs.
2. Second will be awarded 2000 rs.
3. Third will be 1000 rs.

Hardware:

- A Prize pool of 2000 rs.

Other Prizes :

1. Best Innovation Award
2. Captivating Frontend Award
3. Best Pitch Award
4. Reliable Backend Award
5. Impactful Solution Award
6. Craftsmanship Award {Best Technical Skills shown}

Note: The main award will be based on the Project presentation and functionality while the sub-categories awards will be given by the Technical Team's judgment on the submitted code.

Problem Statements:

Category 1: FrontEnd Wizard

Note: This statement category is purely based on the folks starting web development .

1. Tourism : Craft a tourism website that transports users to enchanting destinations, mystical attractions, and charming accommodations. Enrich the experience with interactive maps, spellbinding travel guides, user reviews akin to ancient scrolls, and booking options for flights and hotels conjured with personalized trip planning tools.
2. Luxury Car Show: Forge a majestic and spellbinding website showcasing luxury chariots from renowned manufacturers. Illuminate detailed information on each chariot model, including mystical specifications, enchanting features, and pricing akin to magical artifacts. Empower users to embark on journeys through ethereal presentation, schedule mystical test drives, and request quotes for purchase or lease with a wave of their wand.
3. Budget Tracking Tool: Enchant users with an intuitive and enchanted budget tracking tool, guiding individuals and businesses on their financial quests. Grant users the power to set budgets for different realms, track mystical expenses and income, unveil spending trends through enchanted charts and graphs, receive magical alerts for overspending, and conjure insightful reports for financial sorcery and planning.
4. Online Book Store: Summon a mystical online book store where ancient tomes and magical scrolls abound across realms and dimensions. Illuminate the mystical path with an intuitive search and browsing interface, enriched with wizardly customer reviews and ratings, personalized recommendations crafted by mystical seers, secure payment spells, and a seamless checkout process imbued with enchantment. Elevate user experience with features like wishlists, book recommendations, and author communions in the realm of magic.

Category 2: Full-Stack Wizard

1. Content Management System (CMS): Envision a mystical and versatile CMS, a sanctum of arcane knowledge for wizards to publish, edit, and manage digital incantations. Empower users to weave and organize web pages, spellbinding blogs, enchanted articles, images that shift with the moons, and multimedia content infused with magical

essence. Bestow features like version control, user permissions guarded by enchantments, SEO spells for website invisibility, and responsive design to adapt to the devices of mere mortals.

2. Social Media Platform: Craft a dynamic full-stack social media platform, a grand hall where wizards create their chronicles, share arcane wisdom, connect with fellow wizards, and weave spells of affinity through likes and comments. Implement essential features including user authentication guarded by ancient sigils, a real-time news feed fed by the currents of magic, notifications whispered by mystical winds, and messaging capabilities woven with threads of fate for instant communication.

Category 3: AI

1. Natural Language Understanding for Customer Support: Forge an AI-powered chatbot or virtual familiar adept in deciphering and responding to customer inquiries in the language of magic. Ensure versatility in handling the diverse realms of topics and provide accurate and helpful responses to fulfill the quests of customers.
2. Medical Diagnosis Prediction: Create an advanced AI system harnessing the power of prophecy, patient symptoms, and medical history to predict potential maladies or enchantments. Offer personalized prophecies for further tests or treatments based on a comprehensive analysis to assist wizards in diagnosis and decision-making.

Category 4: Web3

1. Decentralized Autonomous Organization (DAO) Framework: Design a resilient framework empowering wizards to shape their destinies through decentralized autonomous organizations. Enable stakeholders to collectively weave the fabric of fate, make transparent and democratic decisions, and allocate resources with the wisdom of ages.
2. Decentralized Dispute Resolution System: Forge a decentralized system leveraging blockchain sorcery to streamline the arbitration of magical disputes. Offer a fair and efficient alternative to traditional courts, ensuring transparency and integrity in resolving disputes across realms and dimensions.

Category 5: Hardware

1. Anything hardware ;) based purely Democratic rizz!!!

Judging Criteria:

- ❖ Self made work will be given priority over tutorial based plagiarized works.
- ❖ Creativity and Innovation
- ❖ User Experience and Interface Design
- ❖ Functionality and Technical Complexity
- ❖ Adherence to the Problem Statement
- ❖ Presentation Skills
- ❖ Tech Stack
- ❖ Least plagiarism
- ❖ Plagiarism: Judges are free to ask any questions about your project from the pitcher and inability to define the set of work can have a serious impact. Try to avoid copy-paste of any youtube or github type source.

Presentation instructions:

- ❖ Only 2 members from each team will be allowed in the presentation .
- ❖ Team has to be ready with the presentation.
- ❖ HDMI presentation setup will be provided.
- ❖ 4-5 minutes timespace will be given to each team.
- ❖ **Your team will be ineligible for the main awards if they do not present, but they will still be able to apply for certifications and subcategory honors.**
- ❖ You are advised to showcase your website and its features instead of any powerpoint presentation.

Code of Conduct:

- ❖ Participants must adhere to the university's code of conduct and maintain professional behavior throughout the competition.
- ❖ Disqualification: Teams found violating any rules or engaging in unethical behavior will be disqualified from the competition.
- ❖ Liability: The organizing committee and the university are not liable for any loss or damage to personal property during the competition.
- ❖ Changes to Rules: The organizing committee reserves the right to make changes to the rules or competition format as deemed necessary.

- ❖ Final Authority: The decisions of the judges and organizing committee are final and binding.
- ❖ Feedback: Feedback may be provided to all participating teams to help them improve their skills and projects.
- ❖ Publication: By participating in the competition, teams agree to allow the university to showcase their projects for promotional and educational purposes.

TEAM ISTE SRM Delhi-NCR