Hackathon Challenge Mechanics

Challenge Objective:
- Solicit ideas and formulate solutions using data and technology to help resolve local challenges faced today by the City of Cauayan

Eligibility
- Filipino citizens residing in the Philippines;
- At least a high school graduate; and
- With background, skills, and/or experience in Data Science and Analytics.

SPARTA scholars and the general public are highly encouraged to join.

Application Process
- **User Registration.** Sign up and create an account in the SPARTA portal using Gmail accounts only. Simply fill-out all the required fields. Please note that registration should be done only once per participant in the portal system. This will grant you your unique user account you can use to either join or create a team.
- To **join a challenge,** you will be required to either join as an individual or create a team of up to 5 members.
- **Join and submit your entry** under your chosen challenges. Please be reminded that users can join only ONE team. Each team can join MULTIPLE challenges.

Qualifying Phases
- Qualifying Phase: November 3-14, 2022
  Prejudging of entries to shortlist qualified entries for the pre-finals.
- Pre-finals Phase: November 18, 2022
  Qualified entries will be given the chance to pitch their solution for the challenges faced by the City of Cauayan to a panel of judges.
- Finals Phase: November 29, 2022
  Winning entries would be announced.

Judging Criteria
- **Innovativeness** - Submitted output has highly used innovative techniques and strategies.
- **Relevance** - Submitted output is relevant to LGU's challenge requirements and has high usability within its region.
- **Practicality** - Submitted output has shown practical use of data and technology.
- **Replicability** - Submitted output has a high chance of replicability for LGU's future use and improvement.
- **Methodical** - Submitted output highly demonstrated use of frameworks and/or methodologies.

Rules & Mechanics
- Any interested participant that falls under the qualification criteria is eligible to join the challenge.
- Participant/s can join as Individual (solo) or form ONE team. A team should have no more than 5 members and a team name should be identified, as required.

- Teams/ Individuals can submit entries to MULTIPLE CHALLENGES, but are prohibited to submit multiple entries for a challenge, e.g. joining a challenge as an individual and as a member of a team.
- Only links to a Google Drive folder or a Github repository will be submitted. Ensure that the folder is accessible for viewing and all the files for submission are completely uploaded into those drives/repositories on or before the deadline. Late submissions/ uploads to the drive will not be accepted as well as drives that cannot be accessed.
- Any violation of terms and conditions, event policies and code of conduct will result in disqualification of submitted entries.
- Any breach of data ethics standards and/or data privacy, security and confidentiality will result in disqualification of submitted entries.
- For SPARTA learners, you may opt to use your entries up to pitch stage as capstone projects for SPARTA MOOCs. Please coordinate with Coursebank for steps, process and procedures of availment.

Acceptable Entries
- Datablog
- Data Journalism
- Research paper
- Dashboard
- Predictive model
- Software application
- Visual storytelling

This challenge supports the following UN SDGs and Thematic issues

UN SDGs: 1 - No Poverty, 8 - Decent Work and Economic Growth, 9 - Industry, Innovation and Infrastructure, 10 - Reduced Inequalities, 17 - Partnerships for the Goals

SPARTA Modified SDGs
1. Smarter Agriculture
2. Smarter Disaster Risk Reduction Management
3. Smarter Education
4. Smarter Governance
5. Smarter Health Care
6. Smarter Mobility
7. Smarter MSMEs

Thematic Areas: Regional Organizations, Business and civil society, Climate Change, Sustainable Infrastructure, Food and Security, Education and Occupational Immobility

Ownership: The top three innovations/entries submitted will be in joint ownership between the Development Academy of the Philippines (DAP) as the implementing agency, Department of Science and Technology (DOST) as the funding agency, and the members of the participating teams. Thus, a separate agreement should be forged stipulating the conditions and responsibilities of the involved Parties especially in incubating the prototypes until it is being transferred to the LGU of Cauayan as the beneficiary. Coordination must be a four-way process to harmonize consensus and strengthen the intention of addressing one of the beneficiary's pressing needs.