

CUHK Jockey Club AI for the Future Project Secondary School Think and Create Competition 2021

Competition Guidelines

(A) Application

- Composition of each team consists at most 5 students from Secondary 1 to 6 and 1 instructor
- Each school is allowed to register for more than ONE team to the Competition with no repeat on combinations of students for each team.
- Team members must come from the same school, students cannot form a team with students from different schools
- Any late applications will not be accepted.
- Once application is submitted, participating schools are not allowed to change the combination of team members (including the instructor, except reallocation of human resources of the school/ instructor resignation from school).
- Once application is submitted, it means that the participating team understands and agrees to the terms and conditions of the Competition.
- Secondary 1 and 6 students in academic year 2021/2022 are welcome to join the Competition.

(B) Judging Panel

- Representatives from The Chinese University of Hong Kong (CUHK), The Hong Kong Jockey Club and SenseTime Group Limited form the judging panel.

(C) First Round Competition

- Upon successful application, a confirmation email will be sent to the registered email of the participating team.
 - (i) Provision of Exemplar
 - A written proposal exemplar will be released to participating teams in late July 2021 (tentative).
 - (ii) Competition Briefing Session and Introduction to AI
 - A two-hour online session will open to those who submitted application forms ONLY in early August 2021 (tentative)

- Session content includes: introduction to AI and AI Hardware, case studies on AI ethics, societal benefits & future of work, briefing on arrangements of Competition and question-and-answer

(iii) Written Proposal

- Participating teams must submit the written proposal **on or before Friday, 24 September 2021, 5:00pm.**
- The written proposal shall be within 10 pages, A4 single-sided, in accordance with the standard format in either Chinese or English.
- Written proposals can be submitted in softcopies via email at aiforfuture@cuhk.edu.hk; or hardcopies mailed to Room1105, William M. W. Mong Engineering Building (ERB), The Chinese University of Hong Kong, Shatin, New Territories.
- Participating teams are welcome to supplement the written proposal with a video not longer than 3 minutes or PowerPoint presentation within 20 slides or any other formats that are appropriate.
- The Judging Panel would base on the criteria provided (*See Appendix*) to review ALL proposals and shortlist 10 teams to the Final Round.
- Participating teams are NOT allowed to amend or replace the submitted proposal in any occasions.

(D) Final Round Competition

(i) Prototype Development

- All shortlisted teams have to develop a prototype for the submitted proposal which could match with the theme and show AI elements.
- The size of the prototype should be within 1.5m (L) x 1.5m (W) x 0.6m (H).
- There is no limitation of materials that can be used in prototype.
- Each shortlisted team would be given a budget of HKD2,000.
- Shortlisted teams are allowed to purchase necessary materials first and keep the original copy of the receipt for reimbursement.
- Participating teams are allowed to use existing prototype of their school in this Competition, but declaration is required beforehand.
- Prototypes in this Competition that have won other competitions before are NOT recommended.
- Shortlisted teams are required to bring along or demonstrate the prototype on their own for presentation on the presentation day.

(ii) Presentation

- The presentation day will be scheduled in November 2021. The format of presentation will be on-site or online, subject to the development of pandemic and social distancing regulations. Details will be announced in due course.
- Shortlisted teams will be given 30 minutes (20-minute presentation and 10-minute Question & Answer) to present their prototype to the judging panel in an innovative way.
- The presentation sequence will be arranged by ballots. The Competition Organiser will notify all shortlisted teams the presentation and/or Q&A timeslots beforehand.
- Shortlisted teams are required attend their presentation session ONLY.
- Either Cantonese or English can be used in the presentation.
- There would be no limitation on the format of presentation (e.g. PowerPoint, video)
- The judging panel would base on the criteria provided (*See Appendix*) to identify Awards winners.

(E) Final Result Announcement

- The Competition Organiser will notify shortlisted teams of the Final Round result via email and mail in late November 2021 and arrange delivery of trophies, certificates and gifts to all awarded teams.
- Awarded teams may be invited to participate in media interview(s), or publicity event(s) and/or other platform(s) of the Project to showcase their prototypes.

Appendix Assessment Criteria and Prizes and Awards

First Round Assessment Criteria:

Project Content	
Project Objectives	30%
Originality and Creativity	20%
AI Application and Technical Feasibility	20%
AI Ethics and Social Awareness	20%
AI Sustainability	10%

Final Round Assessment Criteria:

Prototype (60%)	
Relevancy with the Topic	10%
Technical Skills	10%
Innovative and Creativity	10%
Social Awareness and Sustainability	10%
Problem Solving Skills	10%
Appearance Design	10%
Presentation (40%)	
Presentation Skills	10%
Teamwork	10%
Q & A Session	20%

Prizes and Awards:

The Best AI Award	A trophy, a certificate and gift(s) up to a value of HKD10,000 (1 team)
The Spirit of Innovation Award	A trophy, a certificate and gift(s) up to a value of HKD7,000 (1 team)
The Technical Challenge Award	A trophy, a certificate and gift(s) up to a value of HKD7,000 (1 team)
The Outstanding Social Awareness Award	A trophy, a certificate and gift(s) up to a value of HKD7,000 (1 team)
Certificate of Merit	A certificate (all finalist teams)