

CUHK Jockey Club AI for the Future Project Secondary School Think and Create Competition 2020

Competition Guidelines

(A) Application

- Each school is allowed to register for more than ONE but no more the FIVE teams from the same school to the Competition with no repeat on combinations of students for each team.
- Students from different schools can form a team but the honour and prize will only go to the registered school.
- 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.

(B) Judging Panel

- Representatives from The Chinese University of Hong Kong (CUHK) 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 within ONE week.
 - (i) Workshop for Enrolled Participants
 - The Competition Organiser will organize a workshop in July 2020 (tentative) for enrolled participants. Programmes of the workshop will include fundamental concepts of AI, prototype building and proposal composition.
 - All enrolled participants (including instructor and students) are encouraged to attend.
 - The workshop is a good opportunity for enrolled participants to raise questions to Professors and/or staff.
 - More details of the workshop will be released after application deadline.

(ii) Written Proposal

- Participating teams must submit the written proposal **on or before Friday, 28 August 2020, 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) Consultation Session

- All shortlisted teams are entitled to two 30-minute consultation sessions with CUHK's Professors and/or SenseTime Group Limited experts in September and October 2020.
- The Competition Organiser will allocate shortlisted teams with Professors and/or experts in accordance with their topics set out in the proposal.
- The Competition Organiser will invite shortlisted teams to indicate available dates and timeslots for consultation sessions for arrangement.
- Upon confirmation of consultation session timeslots, no compensation session will be given to no shows.
- NO extra sessions will be arranged if time is not enough.
- If typhoon signal No.8 or above, or Blank Rain signal is hoisted, the consultation session arranged on that particular day will be cancelled and re-arranged afterwards.

(ii) 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 to develop their prototypes.
- 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. However, participating schools are still allowed to use such prototypes if participating teams could have innovations and/or refinement to the prototype.
- Shortlisted teams are required to bring along the prototype on their own for presentation on the presentation day.

(iii) Presentation

- The presentation day will be scheduled in mid-November 2020.
- 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 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) Public Demonstration and Exhibition

- The Competition Organiser will notify shortlisted teams of the Final Round result via email and mail once available.
- Awarded teams will be invited to attend the Awards Presentation Ceremony during the AI Week in late November 2020 (tentative).
- ALL shortlisted teams are invited to showcase and present their prototypes to the public at the exhibition booths during the AI Week in late November 2020 (tentative).
- Further arrangement details will be announced closer to the event date.

Appendix Assessment Criteria and Prizes and Awards

First Round Assessment Criteria:

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

Final Round Assessment Criteria:

Prototype (60%)	
Relevancy with the Topic	15%
Technical Skills	15%
Innovative and Creativity	10%
Problem Solving Skills	10%
Appearance Design	10%
Presentation (40%)	
Presentation Skills	15%
Teamwork	10%
Q & A Session	15%

Prizes and Awards:

The Best AI Award	A trophy, a certificate, a cash prize of HKD 5,000 and School Development Fund of HKD 80,000
The Spirit of Innovation Award	A trophy, a certificate, a cash prize of HKD 10,000 and School Development Fund of HKD 30,000
The Technical Challenge Award	A trophy, a certificate, a cash prize of HKD 10,000 and School Development Fund of HKD 30,000
The Outstanding Social Awareness Award	A trophy, a certificate, a cash prize of HKD 10,000 and School Development Fund of HKD 30,000
Certificate of Merit	A certificate and a cash prize of HKD 5,000