

## Regulated Research Institutional/Industrial Setting Form (1C)

This form must be completed AFTER experimentation by the adult supervising the student research conducted in a regulated research institution, industrial setting or any work site other than home, school or field.

Student's Name(s) Sundaramahalingam Sudharshan, Isaac Tay

Title of Project A novel and multipurpose autonomous drone platform

### To be completed by the Supervising Adult in the Setting (NOT the Student(s)) after experimentation:

(Responses must remain on the form as it is required to be displayed at student's project booth.)

The student(s) conducted research at my work site:

1. Did you or your proxy (e.g. graduate student, postdoc, employee) mentor or provide substantial guidance to the student researcher?

☒ Yes ☐ No

- a. If no, describe your and/or your institution's role with the student researcher and his/her project (e.g. supervised use of equipment on site without ongoing mentorship and sign below.

- b. If yes, complete questions 2–5.

2. Is the student's research project a subset of your ongoing research or work? Use questions 3, 4 and 5 to detail how the student's project was similar and/or different from ongoing research or work at your site.

☐ Yes ☒ No

3. Describe the independence and creativity with which the student:

- a. developed the hypotheses or engineering goals for her/his research project

The students identified the problem and area of research by themselves and suggested the concept independently.

- b. designed the methodology for his/her research project

The students designed the methodology for their research project by themselves

- c. analyzed and interpreted data

The students did data-collection, analyzed and interpreted data by themselves with us providing minor corrections

4. Detail the student's role in conducting the research (e.g. data collection, specific procedures performed). Differentiate what the student observed and what the student actually did.

The students were independent in all aspects of research with us providing advice, guidance and providing some solutions to problems where necessary

5. Did the student(s) work on the project as part of a group?


☒ Yes ☐ No

If yes, how many individuals were in the group and who were they (e.g. high school students, graduate students, faculty, professional researchers)?

There were 2 students in the group and they were both high school students

I attest that the student has conducted the work as indicated above and that any required review and approval by institutional regulatory board (IRB/IACUC/IBC) has been obtained. Copies are attached if applicable. I further acknowledge that the student will be presenting this work publicly in competition and I have communicated with the student research regarding any requirements for my review and/or restrictions of what is publicized.

Prahlad Vadakkepat

  
Signature

Associate Professor

Title

Supervising Adult's Printed Name

National University of Singapore

Institution

mentation)

21 Lower Kent Ridge Rd, Singapore 119077

Address

30/12/2016

Date Signed (must be after experi-

Email/Phone