



< National Olympiad for Scientific Creativity < Main

Recording project data

View project data

Our students, before starting to record project information, please review the elements that must be available at this stage. [Instructions for the project data recording stage](#) (summary - project details)

Project code

ROBO -154636

* Please enter the project title in Arabic or English

Camera-Based Hand Guidance System for the Visually Impaired

Care should be taken to choose an appropriate name that matches the project idea and the problem solved in the project, and the correct spelling of the project title should be taken into account



* Enter the project start date

30/10/2023

* Main project area

ICS AND INTELLIGENT MACHINES-الروبوتات والأجهزة الذكية

IN



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?be changed after sending it to the electronic arbitration stage

The scientific sub-field of the project

نظرية التحكم - control theory

* Project writing language

Arab ☐

English ☒

* :Please enter the project summary (in Arabic or English)

Blind people suffer from many troubles, one of which is difficulty in finding small objects. They cannot locate household items without frantically searching and

:The number of words

.The abstract can be written in Arabic or English

Please do not write the participant's name in this field

.The abstract must not exceed 300 words and must not be less than 80 words

The summary must be well written, comprehensive of its required elements, and

in the past tense

* :Project details (PDF file)

ploadEducation-42c9619e.pdf-1e88ba2c5f6a4543a3a4c8e458add61a.pdf/

[Template](#) [view attachment](#) ^{file}

You must download the project details file template, fill it out, and re-upload it

within the attached files as a PDF. To download the template, [click here](#)

Maximum file size 5 megabytes (5MB)

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no ☐

* Please enter the search destination

N/A

Have any experiments been conducted and applied regarding the project: (laboratory experiments, questionnaires, or work on simulation ?programs)

*

Yes ☐
no ☒

Is the project complementary (you have already participated in it the ?previous year or one of the previous years)

*

Yes ☐
no ☒

Have you received specialized training in scientific research and ?innovation

*

Yes ☐
no ☒

Is your project one of the outcomes of Mawhiba's research enrichment ?programs

*

Yes ☐
no ☒

* Please enter the name of the project supervisor

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one of the specializations, and it is preferable that his specialization be the same field as the student's project. For more information, you can see the following link: [Click here](#)

*** Please enter the supervisor's employer**

Riyadh Schools

*** Please enter the mobile number of the project supervisor**

966554505011

*** Please enter the email of the project supervisor**

ha-bashaireh@riyadhschools.edu.sa

Academic supervisor data

Please enter the name of your academic supervisor

Abdullah Saeed AlHarthi

Academic Supervisor Providing an academic supervisor required for



certain research in scientific disciplines such as medicine and engineering, some behavioral research, and other research that requires entering laboratories and conducting experiments. : [Click here](#)

Please enter the academic supervisor's mobile number

Please enter your academic supervisor's email

asalharthi@uhb.edu.sa



.attachment

You can merge more than one image into one file and upload it



Please do not write the participant's name in this field

