

APP DEVELOPMENT COURSE 2020

Robots Got Talents
Educational Courses

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THIS COURSE CONTAINS:

1. Robots Got Talents Student Zone
2. Robots Got Talents Teacher Zone
3. Advertising Material
4. Certificates for all participants
5. Lesson by Lesson Plan
6. Raspbians MIT APP INVENTOR GUIDES

And much more



Course Introduction

Robots Got Talents Courses 2020

App Development is a Classroom Course for Elementary and Middle school Students. Throughout the course participants will learn about Android Mobile Applications and programming as they build and Program their own Android mobile applications using MIT APP INVENTOR Guided by Robots Got Talents Student Zone and Raspbians APP Guides. This Course contain all needed material to produce the best course experience for Students & Teacher, Student Zone containing Topic by Topic Presentations, videos and MIT APP INVENTOR Activities with video tutorials, Teacher Zone containing presentations, Advertising Material, lesson plan and teacher guides.

App Development Course consists of 6 main lessons that should cover all of the topics mentioned in the next page

Good Luck Everyone,

Topics Covered:

APP DEVELOPMENT Course 2020

Lesson One:

- Computer System
- Application Software, System Software
- What is an App
- MIT APP INVENTOR layout

Lesson Two:

- MIT APP INVENTOR general lookup
- Testing MIT APP INVENTOR APPS
- Building APP 1
- Android Sensors
- Accelerometer Sensor
- Building APP 2

Lesson Three:

- Downloading MIT APP INVENTOR apps
- Voice Recognition
- Logical Expressions
- Building APP 3

Lesson Four:

- Building APP 4
- Application Changing lives
- Building APP 5

Lesson Five:

- Building APP 6
- Building APP 7

Lesson Six:

- Building Final App

MIT APP INVENTOR components used: Buttons, Textbox, Text to Speech, Accelerometer sensor, Speech Recognizer, Canvas, Ball, Notifier, Image, Label, List picker, Clock, Sound



APP DEVELOPMENT

CLASSROOM COURSE 2020



Hosting the course

App Development Course

Step One:

Any school or educational organization with +10 students could simply host any of Robots Got Talents Courses or Camps courses by filling the form Available in the Website and within 2 days you will receive the chosen course login password via mail.

Step Two:

After receiving your login password, Open the teacher zone and download the lesson Plan, Teacher Guide, presentations and premade advertisements.

Step Three:

The next step is opening the Students Zone, The Student zone is a lesson by lesson plane made by the course authors to the course participants each student using the website will find access to all App Development Course activities, resources, tutorials, presentations and other tools.

RoboArt Course Hosting
Robots Got Talents Summer Camp 2019

First Name	Last Name	Organization Name
Email	Position/Job title	Country

Web Address or FB
Add answer here

Why do you want to host this course

Submit I accept terms & conditions

You will receive your password via mail within 2 days

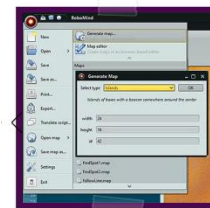
Thank You

Hosting the Course Form

What should be in the classroom

To produce the best Course Experience for the course participants you should have the following:

- Computer/laptop for each camp participant that have access to MIT APP INVENTOR Website and Robots Got Talents Website
- Internet access
- Teacher PC that have access to MIT APP INVENTOR Website and Robots Got Talents Website
- Additional Materials as Projector, Printer
- Android Smart phones
- MIT AI2 Companion App On all Android Devices



Map Generator:

The first way of creating a map is by the map generator built in the software and we prefer that teams try creating their own maps using this way To open the map generator you should open:

[menu-open map-generate map](#)

then you choose a map type add length width and in some versions you should add

ID:
Map Type:
Width:
Height:



Students Zone

Important Notes:

Robots Got Talents want to ensure that everything in the course is working probably so each session the course directors are advised to send minimum of three photos that shows that everything working probably.

The person filling the form will be registered as a national course director; if the organization will to change the course director they must send a mail to robotsgottalents@yahoo.com

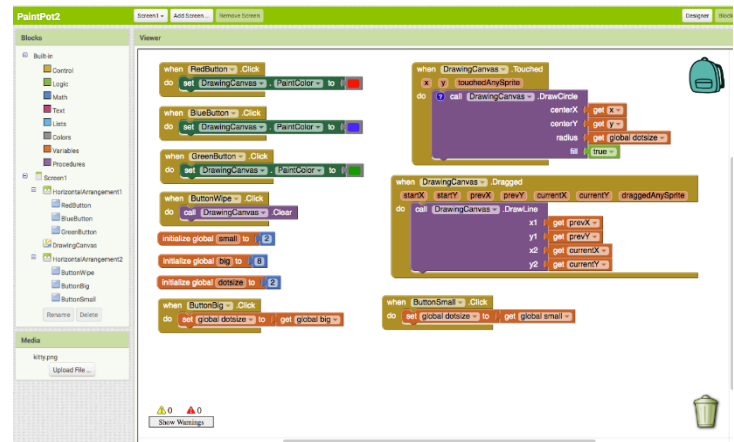
Terms & Conditions:

Robots Got Talents 2019,2020

- Organizations using the course are not allowed to use course guides, presentations or logos in any other course, course or challenge
- Each time the organization wants to repeat the course they must refill the form
- You are not allowed to share or give the course to any other organization without Robots Got Talents permission.
- You are allowed to use this course for commercial uses with including Robots Got Talents name.
- All students must be given Robots Got Talents course certificate
- .National Course directors must send 3 photos each day in the course to show that everything is good.
- You are not allowed to edit course presentations or guides
- By starting the App Development course you agree on all Robots Got Talents terms and conditions.
- For publishing any of the courses photos on social media you must tag Robots Got Talents or use the hash tag (#robotsgottalents)

All teachers using Course the form must use the Robots Got Talents Course Plane. Organizations are allowed to add extra lessons for graduations or course introduction.

Organizations are allowed to use this course for commercial uses with including Robots Got Talents name but they are not allowed to sell the course or the course resources. Read the Terms and Conditions for further information.



FEEL FREE TO CONTACT US FOR FURTHER QUESTIONS