

Requester Information: (\*) is a mandatory field

Requestor's Name(\*): Alicwamu Moses

Requestor's Email Address(\*): [m.alicwamu@aseiug.org](mailto:m.alicwamu@aseiug.org)

Your Organization(\*): African STEM Education Initiative, thereafter "ASEI".

Organization Website / Facebook: <https://aseiug.org>

Your Labdoo account user name (<https://www.labdoo.org/user/register>): Moses Alicwamu

Project Site: Nyaika Avenue, Booma – Fort Portal, Uganda

1. Project title: **The ASEI Design Engineering Makerspace**

2. Project Description - Please explain about your project and how you will use the laptops (\*):

The ASEI makerspace is a one stop center in Fort Portal for young people to gather, ideate, design and prototype STEM projects using shared equipment. The role of the makerspace is to contribute to ASEI's vision of promoting innovation in Africa through youth and community STEM projects. The makerspace has initiatives such as design hackathons which engage students both at secondary and university level of education. The laptops will be used by students, who are members of the makerspace or who are part of school outreach activities for engineering design and coding purposes. ASEI staff may also use the laptops to fulfill the objectives of the organization in line with the makerspace project set up.

3. Number of students (\*): We reach to over 200 students in our school outreach activities, and up-to 20 for makerspace memberships and design hackathons.

4. Number of teachers (\*): 4

5. Claimed IT equipment (\*)

5.1 Number of Laptops needed (\*): 10

5.2 Number of eBooks Reader needed:

5.3 Others needed (Tablet-PCs etc.):

5.4 Additional comments:

6. On Site Contact Information / project manager. Please provide at least one way to contact (\*):

6.1 Full Name (\*): Andrew Mayanja

6.2 Phone (\*): +256 757 358914

6.3 Email (\*): [andrewmayanja@aseiug.org](mailto:andrewmayanja@aseiug.org)

6.4 Physical address of Organization (street, city, zip code, country...) (\*): Nyaika Avenue, Booma – Fort Portal City

6.5 GPS coordinates: (0.672974, 30.280297)

7. Language

7.1 Local / Preferred language(s) (\*): Runyoro-Rutooro / Luganda.

7.2 Additional information about language(s): English

8. Project Location - street, city, state/province, country, zip code (\*): Nyaika Avenue, Booma – Fort Portal City

9. Access to Internet (\*)?

9.1 Access to internet (yes/no): Yes, via cellular and Mi-Fi

9.2 Wired/cable (yes/no): No

9.3 Wireless (yes/no): Yes

10. Conditions about the room where the laptops will be installed:

10.1 Is the room secure? [yes / no + brief explanation]: The place is secure, burglar proofed and with locks

10.2 Can the room be locked in a way that the supervisors (e.g. teachers) can control access? [yes / no + brief explanation]: Yes, the room can be locked, and access can be controlled

10.3. Is the room weather-proof? (e.g. does the room protect the laptops from rain, sand, etc?)

[yes / no + brief explanation]: Yes, the room is roofed with a ceiling and no leakages whatsoever

11. How did you hear about Labdoo?:

--Search Engine (e.g. Google)

--At local Conference,

--At online Conference,

--From other organizations/companies: Through Engineers Without Borders - Sweden

--Facebook, Instagram