Abuja FabLab 1.0 is the first digital Fabrication Laboratory (FABLAB) in Nigeria, launched by the National Information Technology Development Agency (NITDA) to promote digital innovation and entrepreneurship. The lab is situated at the National Centre for Artificial Intelligence and Robotics (NCAIR), a subsidiary of NITDA. Its inauguration took place on May 20, 2022, and it is envisioned to be a significant catalyst for technological advancements in the country.

The primary objective of Abuja FabLab 1.0 is to encourage startups, innovators, and makers to ideate, design, and rapidly prototype digital products that have real-life applications. It serves as a hub where aspiring entrepreneurs can bring their ideas to life and transform them into tangible prototypes. The lab is equipped with advanced tools and resources that enable users to work with a wide range of materials, including iron, wood, electronics, and more, allowing for diverse and innovative projects.

One of the distinctive features of Abuja FabLab 1.0 is its open access policy. The lab is free and open to all Nigerians who are passionate about digital innovation and wish to contribute to the country's digital economy. By maintaining an open access approach, the lab aims to serve as a digital innovation accelerator, fostering a culture of creativity and entrepreneurship among the nation's youth and innovators.

Under the management of the National Centre for Artificial Intelligence and Robotics (NCAIR), Abuja FabLab 1.0 plays a crucial role in providing startups with the necessary resources and guidance to conceptualize, design, and prototype their ideas from inception to the final product. It empowers entrepreneurs to turn their research, development, and innovative ideas into concrete and impactful solutions.

Abuja FabLab 1.0 is equipped with state-of-the-art equipment to facilitate rapid prototyping. The lab includes facilities for producing printed circuit boards (PCBs), computer numerical control (CNC) machines, 3D printers, servers, graphics processing units (GPUs), and other advanced tools. These resources enable innovators to create prototypes efficiently and move their projects forward with speed and precision.

The FABLAB's inauguration was marked by a commissioning ceremony, attended by Mallam Kashifu Abdullahi, the director-general of NITDA, and Engr. Garba Ya'u, the national director of NCAIR, among other distinguished guests. The event showcased the lab's potential to drive innovation, foster creative thinking, and contribute to Nigeria's technological growth.

Abuja FabLab 1.0 promises to be a transformative space that empowers Nigerians to embrace their creativity, explore cutting-edge technologies, and develop solutions that address real-world challenges. By providing access to cutting-edge tools and mentorship, the lab aims to position Nigeria as a leading force in the global tech landscape and contribute to the country's journey towards becoming a digital and innovation-driven economy.