Hello Everyone,

Myself Gopinath from VIT Bhopal University I have done my internship with Smartbridge and the technology domain which I have chosen is **IoT.** Smartbridge is a comprehensive one-stop platform catering to the skill & knowledge development of the young graduates turning professionals. They host smart solutions for the students that bridge the gap in the transition phase from academics to workplace and my experience with this internship was really a great one where I learned a lot of things from this domain.

I have done a project on **Intelligent Access Control System over Safety Critical Areas.** The access control system is to provide quick, convenient access to those persons who are authorized, while at the same time, restricting access to unauthorized people. Attacks on civil and institutional objects are becoming a potential threat in several parts of the world.

**PURPOSE:**

The purpose of access control is to grant entrance to a building or office only to those who are authorized to be there.

So, to check weather workers are taking safety precautions or not we are proposing this system.

**TOOLS USED IN PROJECT:**

The Tools and Technology used for this Project are:

* Python IDLE
* Clarifai App
* Node Red
* IBM Cloud
* IBM text to Speech

**CONTRIBUTION:**

My contribution towards this project was building the Node Red part in IBM Cloud and report making.

**CHALLENGES:**

We had faced many difficulties like creating the python code and working with IBM Cloud part where our mentors helped us to overcome.

**TEAM MEMBERS:**

Even though, this project was a complex one we the team members of 5 went through all the obstacles to complete this project a successful one.

**TIME TO COMPLETE THE PROJECT:**

It took almost a couple of weeks to complete this project step by step though there was a limited time to complete we had done it.

Smartinternz team gave me a clear teaching about the platform and made it easy for me to learn. And I would like to thank Smartinternz Team.