

ABSTRACT.

Bicycle parking is a land used to store bicycles after currently being one of the preferred transportation by all circles, especially students, because apart from that, bicycles also do not require fuel and are more efficient because they do not require fuel. Bicycle parking is now used in the area. Telkom University campus takes up too much land, and only uses a barrier between bicycles without a proper bicycle security system. What makes users feel insecure in storing their bicycles, there are many alternative systems to make bicycle parking, but until now there is no system which is more efficient in safety and comfort for bicycle users in the Telkom university area, the tapping system is one of the systems found in the campus area, this system is usually used in student attendance and campus portals, but this system can also be an alternative that can be used for safety I ain around the Telkom university campus. In addition, reducing land in the manufacture of bicycle parking is one of the goals in creating innovative bicycle parking in terms of security and efficiency. There are many alternative systems to make bicycle parking, but until now there is no system that is more efficient in safety and comfortfor bicycle users in the Telkom university area.

Keyword : *bicycle, tapping security system, aluminum material. Telkom University*