Name: KARIUKI ALBERT MURIITHI

Registration Number: EB3/21217/15.

Topic: Domesticated Animals Tracking software [GPS-enabled]

**Problem Statement**

Animal stock theft still prevalent in this country has proved to be a security threat that has to be dealt with. With the use of tracking software that is reliant on location, finding stolen stock should not be an issue for the farmers. The anti-stock theft unit have a system of locating stock but not accurate since methods relied on are manual. By being able to track animal movements, stolen stock can easily be located by the farmer.

**Objectives**

1. Track animal movements within a certain radius/location
2. Provide security to farm stock
3. Provide accurate records on animals on growth, diseases, performance
4. Track rustled out stock by the anti-stock theft
5. Improve efficiency in livestock keeping mostly cattle