**Phase 3**

**The Topic Mindmap**

A Mind Map is an easy way to brainstorm thoughts organically without worrying about order and structure. It allows you to visually structure your ideas to help with analysis and recall. A Mind Map is a diagram for representing tasks, words, concepts, or items linked to and arranged around a central concept or subject using a non-linear graphical layout that allows the user to build an intuitive framework around a central concept. A Mind Map can turn a long list of monotonous information into a colorful, memorable and highly organized diagram that works in line with your brain's natural way of doing things.

In this project the there are many things needs to be concentrated on, In which there are methods that need to be followed to complete the successful project. The works need to be done on connecting devices , getting images and store the data, processing images and many more. For reducing the confusion of the data and points gathered I have used mindmap to organise things such that I could get an opportunity to complete the project in a sequential manner. This involves in dividing the project into the five steps in which it consists of IOT, Dataset, Image processing, Machine learning, Image processing and Mobile application.

Each states there work and do there best for the work and gives the good result for the project. The mobile industry has adapted by developing a cellular technology class to support MioT. Most IoT applications rely on devices connecting to the cloud (i.e., an external source) for computing and analytics. Technological advancements make it possible to perform those functions on devices without sacrificing budget or efficiency.  GNSS is a standard term describing satellite navigation systems providing autonomous geospatial positioning with global coverage. A device with GNSS access means technologies get accuracy, redundancy and availability at all times. If a connection to one satellite fails, another can be picked up in seconds, often without lapses or delays. The MindMap is as follows.

**Diagram

Description automatically generated**

The mindmap helps us to define the key things that need to be done in the project. The Mindmap has the detailed sets of the steps to be followed. The image processing gives the finest images and Machine learning is used for processing, testing and training the data. This has been represented in the above mindmap.