6. DISCUSSION AND FUTURE WORK

CSCW is a dynamic exploration field that has picked up a great deal of consideration amid the most recent decade. The CSCW field divided into various regions that all go for peopling works together through some kind of computer-based systems. The zone that we are particularly intrigued by is the versatile collaboration field. This field concentrates on utilizing cell phones like Mobile Devices and PDAs as bolster gadgets for collaboration.

Before making a collaboration framework design, we needed to explore if there were any current work that would fit our prerequisites. Amid our pre-study we found a couple of comparative projects; however, none that was straightforwardly identified with a mobile device and usable for this proposal. Some of their ideas have served as motivation, yet none of them could be utilized specifically.

One of the difficulties experienced was the absence of requirements particular. A few examination papers \[10,11,12\] proposes situations as a decent approach to finding prerequisites for domains. Assessments \[12\] has additionally been done on the type of situations, and for culmination, the free-form narrative writing was picked. Elicitation of necessities from these was done structurally and brought about an incremental improvement of our last prerequisites particular. The formal techniques used to evoke necessities were a totally new affair to us and has demonstrated important to our last result. The incremental changes to our necessities particulars revealed new prerequisites for every cycle taken and has most likely made it more finish.

Outline of the framework is a difficult process and requires involvement with object-oriented design and programming. All accessible writing proposes it is a constant process that will keep on developing despite the fact that numerous will be enticed to say that it is finished.

Designing the whole framework and arranging all perspectives through UML is a troublesome assignment that would require much experience whether we were planning a framework design or a genuine application. The utilization of solid scenario to build up the prerequisites, furthermore the groupings required in code, has been of an extraordinary help to us.
Notwithstanding our understanding into the current space, we would not have possessed the capacity to develop a framework without imagining these concrete applications.

Since we are moderately unpracticed in making a design, we looked to more experienced sources \cite{13,14,15} for the hypothesis of Object Oriented and framework plan. A system configuration is a unique instance of Object Oriented plan and requires the architects to contemplate an extensive variety of utilizations rather than only one.

Great Object Oriented based design has been our objective for this framework. Through partition and layering, it has been our objective to supply a framework that is extensible, simple to utilize or more all spares time and cash.

By embarking on making a framework for collaboration advancement we knew we were embraced a troublesome and broad undertaking. Frameworks are entangled theoretical structures that cover an issue area. It is difficult to envision all utilizations and elements that should be actualized, and advancement of frameworks, for the most part, keeps running in emphases with new improvements and changes for quite a while. We have encountered that it is so hard to reason about these conceptual ideas, keeping in mind we are sure we have caught essential parts of the framework, we are additionally entirely beyond any doubt there are things that are forgotten and will be found in later emphases.

The essential objective of the current work is to prototype a framework for collaborative application for Mobile Ad-Hoc Network. There were numerous instabilities when we began advancement of our framework. One of them was if the time accessible would give us a chance to do legitimate necessities elicitation, outline, and usage. What was sure, however, was that the outcome would not be a completed item and that future improvement and development would be fundamental in achieving the last objective.

The proposed MANCAF framework will ease advancement and spare assets. To have a foundation for the applications to be created could accelerate the product improvement process. A long-term objective ought to
be to iteratively create and refine the framework to incorporate a wide arrangement of components required for most community oriented situations. This ought to be accomplished through improvement of uses that accepts the capacities, and additionally reveal new scenario and find out new prerequisites for the framework.

Currently, the framework may concentrate on a straightforward implementation of the transport layer. Later emphases ought to execute new transports, to supply a wide exhibit of decisions. Conceivable executions may incorporate Bluetooth, WLAN, and GPRS (TCP/IP).