**INTRODUCTION TO IoT**

PROBLEM STATEMENT 1:

**“WE NEED E-STROLLER”**

* Mommy wheels the baby out.
* Sometimes, she is not in a position to push it, so we need some assistance.
* Sometimes, going down the slope, the stroller pulls her as she is likely to fall.
* Sometimes she has to handle it with one hand as she is taking her knitting bag.
* She is worried that somebody will lift the baby when granny is busy knitting.
* She also needs some assistance while steering the stroller.

SOLUTIONS:

* Object sensors can be used to check the obstacles infront of stroller and avoid them.
* Locking system can be provided to the stroller , so that there is less chance of baby falling down from it.
* Installing GPS to stroller to find out the location of baby.
* Sound sensors like minor sirens can be added so that it horns when there is a sign of any danger.
* Weight sensors can be included to check the presence of baby in stroller.
* Slope and elevator sensors to detect slopes and elevations on the way .
* One handed fold operations for the easiness to handle the baby by mommy.

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