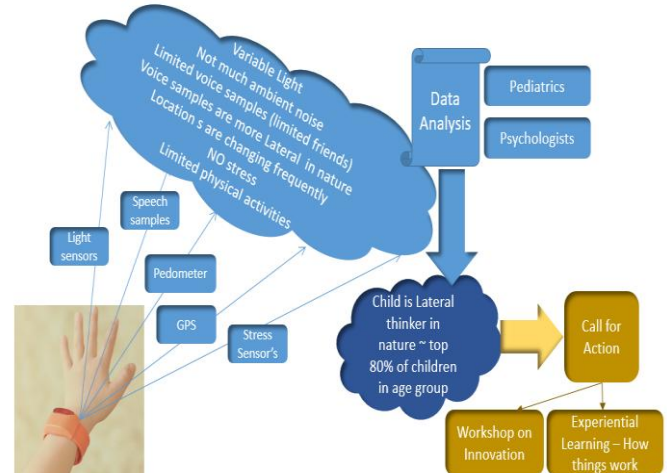


# 'Welkin' - Parenting App and Analytics Engine using an IoT Framework

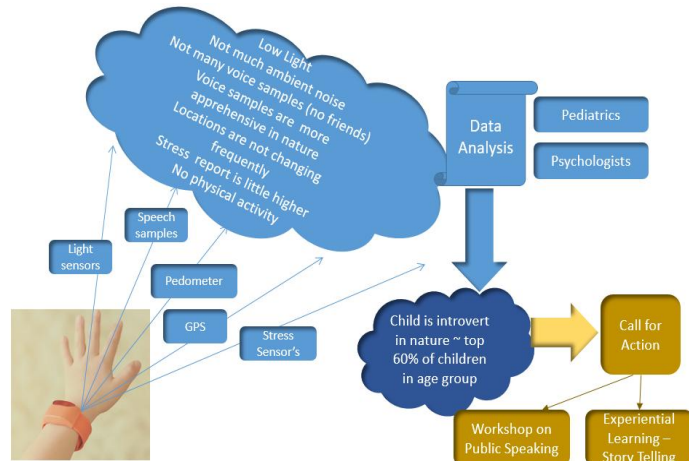
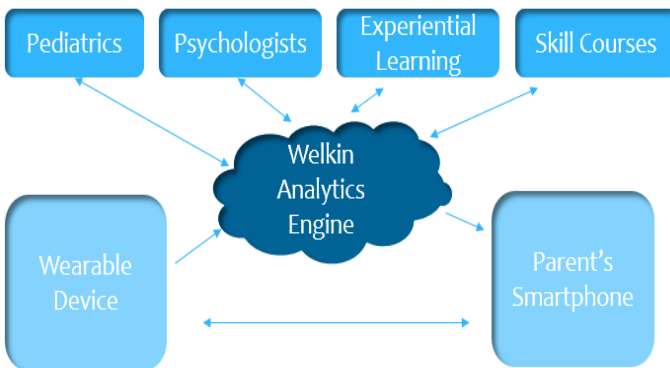
## Motivation:

- Parenting, an important aspect for child development.
- Hectic lifestyle of today's generation, less time for kids.
- Ignored physical and psychological problems leave serious impact on children.
- Need for proper parenting, to give a better future to coming generation.

## Use Case:



### Lateral thinker (Detection → Action)



### Introvert child (Detection → Action)

## Proposed Solution:

- Monitor daily activity of child through IoT wearable.
- Analytics engine to process the input data.
- Data includes input from wearable, advice from experts and other experienced parents.
- Generated suggestions are sent to parents through Smartphone App.

### Proposed Wearable Capabilities:

- Recording and storing Audio Samples
- Activity Tracking using different sensors
- Ultra Low Power MTC

### Proposed Analytics Engine Capabilities:

- Data Collection
- Data Pre-Processing
- Algorithmic Analysis
- Recommendations