



# FETOACT

## FETAL MOVEMENTS MONITORING DEVICE

(UI 2015700732)

### INTRODUCTION

FetoAct is a wearable automatic fetal movement monitoring device. Electronic sensors were used to detect the fetal movement via the force exerted on the mothers abdomen.

### NEEDS

- WHO reported 2.6 million stillbirths in 2015.
- Busy mothers often less sensitive to fetal movements.
- Ultrasound (US) & Cardiotocography (CTG) machine are not affordable for the common people.

### BENEFITS

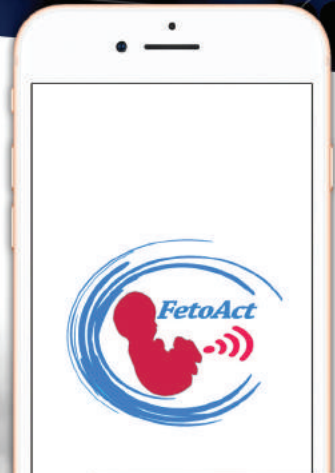
- Current prototype costs: RM500/unit.
- Cheaper than CTG & US: >RM10,000.
- Users have the benefit of constant update of status of fetal health.
- Less anxiety & less visits to hospitals.

### APPROACH

- Sensors to detect the fetal movements.
- Linked to smart phone for display &

### COMPETITORS

- CTG & US – expensive.
- Other attempt for electronic fetal movement detection is at stage of research.



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