s**Reviewed by: K. Mustaffa Sir, Vinayak Desai, G. Ravi Chandran, V. Vignesh Kumar.**

**Figure:**

**Flow Chart of Occupant Status**

**Transmitting to Instrument Cluster**

Set\_Baudrate()

Setting CANCON=Config,

Baudrate=250, BRGCON1, BRGCON2, BRGCON3, CIOCON values and CANCON= Normal

CAN\_init()

Setting up

TRISB2=0, TRISB3=1.

System\_init()

Setting up GIE=1, PEIE=1

**Blink LED for every 10 sec**

Yes

**Storing Data in Air Bag Status**

**LED OFF**

**Blink LED for every 5 sec**

**SW3 & SW2 both are Low (Empty)**

Yes

Yes

**LED ON**

No

**SW3 is Low & SW2 is High (Small Adult)**

No

**SW3 is High & SW2 is Low ( 95 % Adult)**

No

Yes

**SW3 & SW2 both are High (Child)**

**Reviewed by:**

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**V. Vignesh Kumar**

**Storing transmitting data in EEPROM**