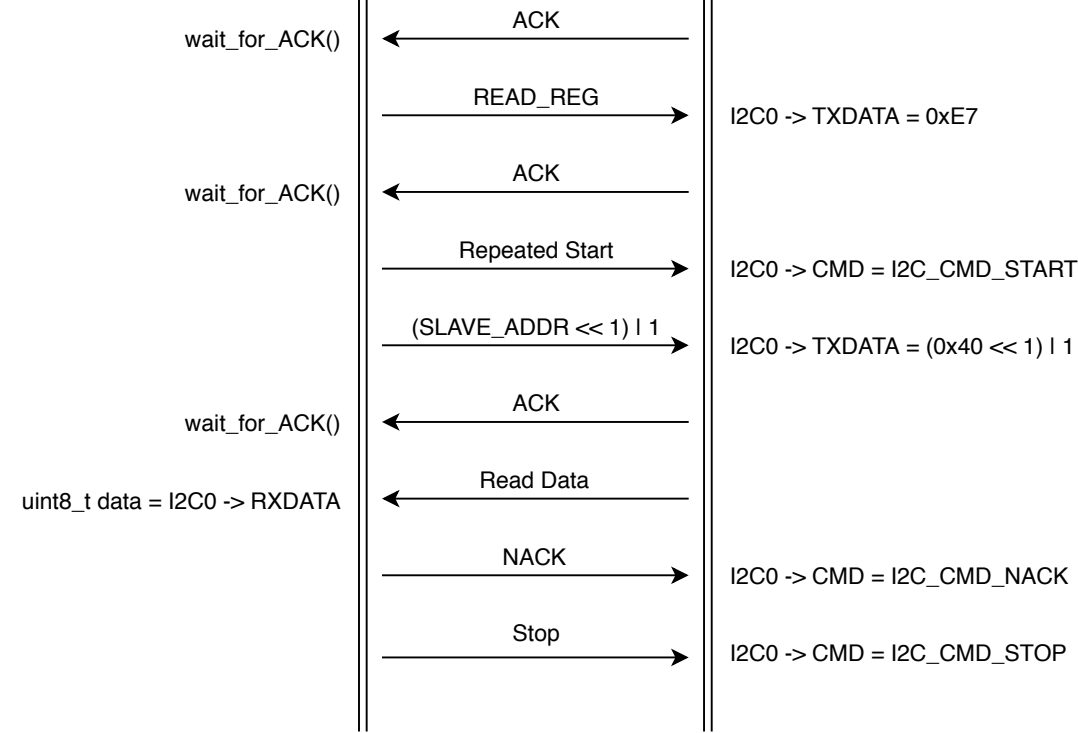


**I2C Software Ladder  
Flowchart:**

Reading User Register 1



**I2C Software Ladder  
Flowchart:**

Writing User Register 1

```
void wait_for_ACK(void){  
    while (!(I2C -> IF & I2C_IF_ACK));  
    I2C0 -> IFC = I2C_IFC_ACK;
```

