Progress:
Decided to make an entirely different project vs my initial proposal.

2 inputs:
- ultrasonic sensor
- IR receiver

2 outputs:
- Car movements

3 external alerts:
- Flood
- Fire
- Zumbia

Summary:
A remote controlled robot car can drive on its own(pre-set route) and also on a controlled base. Xbee can trigger an alert that indirectly controls the car. Ultrasonic sensor can detect the distance to avoid any accident.

Challenges:
Design a reasonable amount of complexity with limited time.
It took quite amount of time to have the car move in a reasonable speed and direction it is told to.

Success:
IR remote is able to control the car.

Todo:
Install and config ultrasonic sensor and respond to Xbee alert.