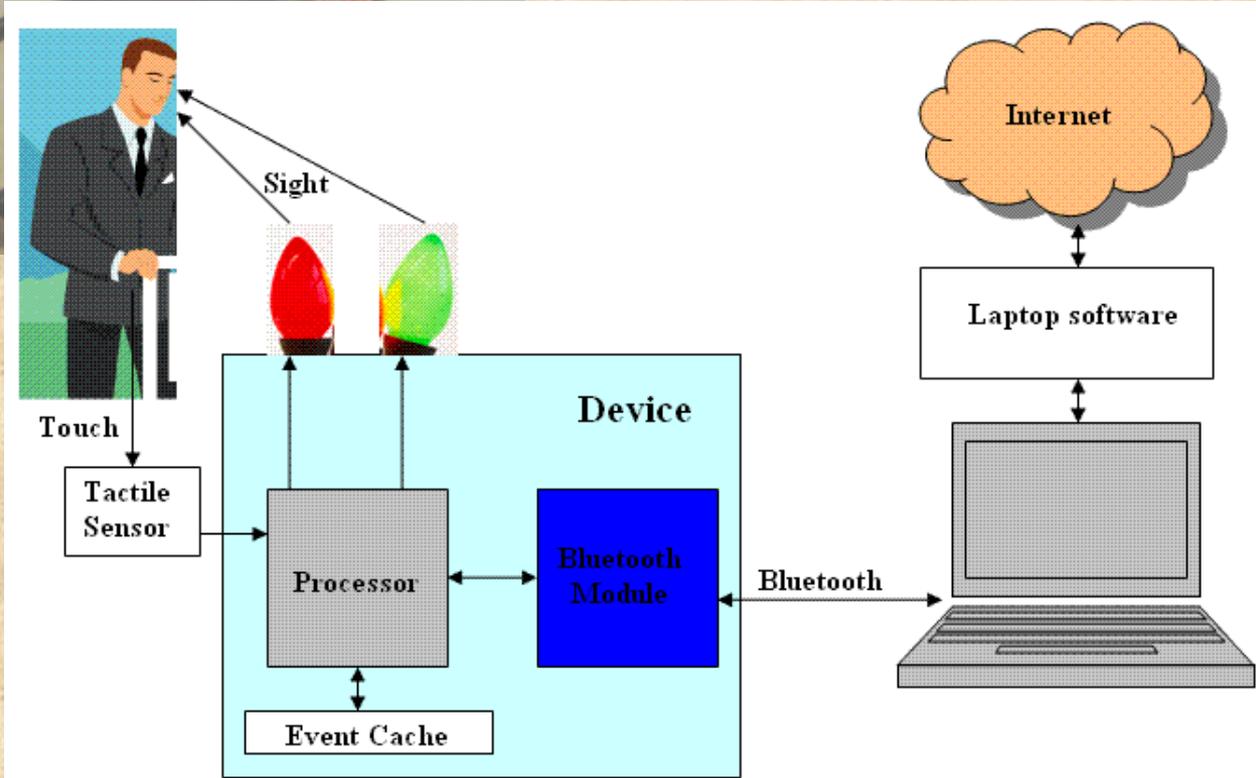
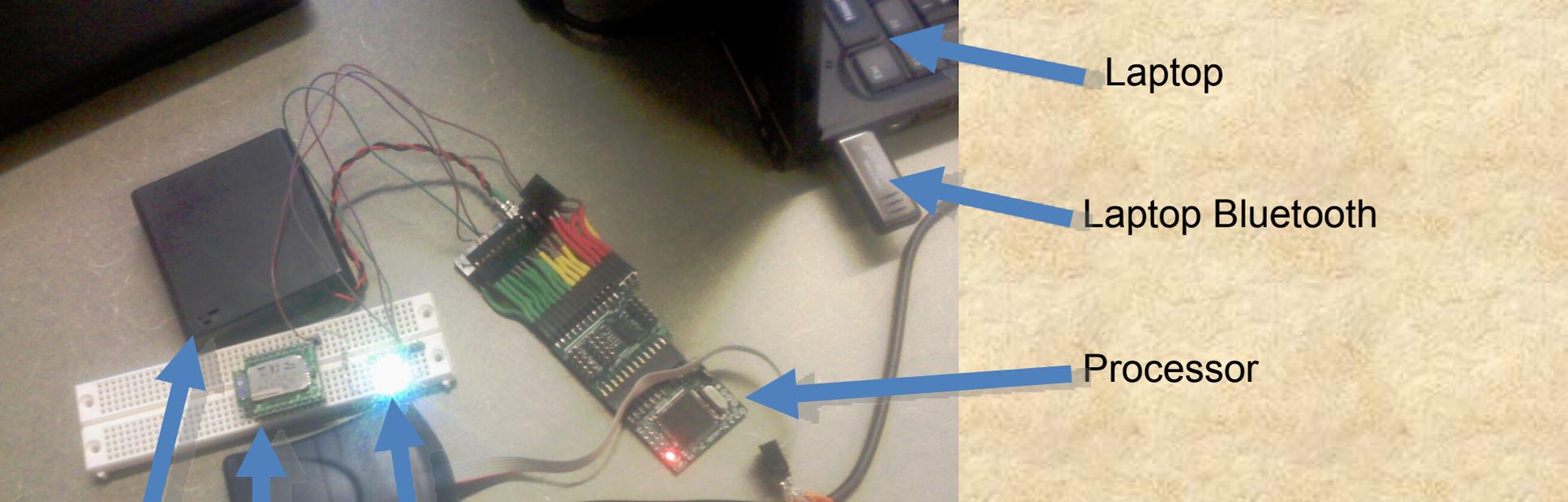


RememberAll

Team 3

Boris, Jason, Kartik, Mike



Test Cases

- Incorrect data transmission
 - This is important to ensure that our device does not corrupt the user's schedule with garbage values
 - To test this case we will send wrong or incorrectly formatted data over Bluetooth and check that the device's schedule is not corrupted.
- Dropped connection
 - It is important to make sure the device acts reasonably when the Bluetooth connection is dropped partway through transmission
 - We will test this by removing the computer's Bluetooth dongle during a transmission
- Power up/down
 - It is important to make sure the device acts reasonably when the power is lost and then restored
 - This can be tested by disconnecting the power and then reconnecting it while the device is running.

Metrics

- Power consumption
 - This is important to ensure our device lasts long enough on a charge to be useful
 - We will monitor how much power is consumed over periods of time.
 - We may want to compare power consumption to how often we use Bluetooth to synchronize
- Bluetooth throughput vs distance between computer and device
 - This is important to determine how much time it will take our device to synchronize with a computer
 - To test this we will time the duration of synchronization at different distances

Initial Results

