Feature List:  
  
1.  
a. lamp servo control - UI  
b. lamp servo control - gyro + accelerometer  
  
2. brightness control  
3. color control  
4. notifications - Facebook + Twitter + Gmail ...  
5. natural light alarm clock  
6. music visualization  
7. (NFC)  
8. (dock)  
  
  
  
Repository  
Link to GIT repo: https://github.com/gergelydezso/SmartLampProject  
  
  
  
Wireless communication (to use):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *Power Consumption* | *Distance* | *Users* | *Bandwidth* | *Setup* |
|  |  |  |  |  |  |
| *Bluetooth* | low | low | single | small | easy |
| *WiFi* | high | high | multi | large | medium |
| *GSM* | low | high | multi | extra small | easy |

completion ...