

* Project Name- Universal Remote for Smart-phones, netbooks and laptops
* Project Manager(s) – Karan Bhandari (willing to coronate more)
* Project Definition – The project has a mini hardware unit which is Bluetooth at one end and Infra-Red at the other end.

The app will enable the user to use the hardware to control home appliances and entertainment portal analogous to a universal remote. The app will enable the user to download existing IR codes for different appliances. User will be able to select from a plethora of remotes and utilize it.

* Project Scope –
  + Hardware: Microcontroller, IR transmitter, Bluetooth.
  + Software: Sencha, PhoneGap, [ASP.NET](http://asp.net/) and compilation to native iOS, Android, Symbian and
* Project Goals –
  + Enable smartphones, laptops to be smarter by augmenting them with remote control functionality.
  + Stepping stone towards California Innovation Challenge and eventually our own company.
* Project Dependencies –
  + Hardware.
  + Human Resource.
* Project Team –
  + Two members from ACM
  + Two members from Robotics society
  + Two members from CBA.
* Project Stakeholders – Technical mentor, Business mentor, investors
* Project Phases –
  + Development of Hardware
  + Development of Software
  + Interoperability and device testing.
  + Market testing
    - Enlisting app on App Store.
    - Enlisting hardware on eBay.

o    Business Plan.

* Project Timeline – End of fall 2011
* Project Challenges – Making the hardware work, developing the software, updates from the server, updating IR codes for ever growing IR repository.
* Project Finances – Approx $150 for hardware units
* Project Estimated Completion Time – ~50hours
* Project Status – Draft, will commence implementation next week.
* Project Contact(s) – Karan Bhandari [(+1 302 438 2953](tel:%28%2B1%20302%20438%202953)),[karan.bhandari@student.csulb.edu](mailto:karan.bhandari@student.csulb.edu). Visit my website ([www.kurtzace.com](http://www.kurtzace.com/))

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