Project Proposal

“iSTIX”

Team

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iSTIX

Objectives

1. To give the concept of gumstix a wider appeal

2. Implement a system which aids in listening to music wirelessly with gumstix as the base.
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Concept

1. Getting the base gumstix connected to internet wirelessly

2. Buffering and playing music.

3. Enabling other nodes to connect to the base.
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Concept Visualisation
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Motivation

1. **iSTIX** can be used at any place with wireless access.

2. Vivid collection of music, compact and Handy.
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Competitive Analysis

1. Walkman, Discman

2. iPods
Before

iSTIX
After iSTIX
 Functional Requirement

 1. Establish wireless connectivity for base
 2. Connect to the webpage and get play music.
 3. Establish connection between nodes and base.
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Hardware

1. Connex
2. Wifistix CF
3. GPSstix or Audiostix 2
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Software

Coding to link to the website then play the music.
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Schedule

Jan '08 – Establish wireless connectivity

Feb '08 – Get music online and play it.

March & April '08 – Node connectivity with base station
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References

1. http://docwiki.gumstix.org/Frequently_asked_questions/Wifi


3. www.gumstix.com

4. http://www.nabble.com/mpg123-0.65-to10634480.html#a14249529

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Questions?
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Thank you !!