



Final Project Presentations ICOM 5047: Computer Engineering Design



May 9, 2008

Stefani 228, 12:15pm to 4:30pm
Electrical and Computer Engineering Department
University of Puerto Rico, Mayagüez Campus



AGENDA

12:15pm - 12:30pm	Introduction	Nayda Santiago and Miguel Figueroa
12:30 pm – 1:00pm 	RUMSTIX - A Sensor Management System A remote management system that allows the monitoring of multiple sensors from a central location. The system provides a framework that eases the integration of heterogeneous sensors and any other network-enabled device.	Vicente Rivera, Project Manager Alexs Peña Alfredo Alvarez Jonathan Torres José A. Ortiz
1:00 pm – 1:30pm 	Security Guard Monitoring System - The system provides a map tracking system for pager-like devices allowing supervisors to monitor employees from an administrative web application. The objective is to ensure that security guards make all their preventive rounds while they feel secure as supervisors know their exact position in case of emergency.	Diana Carbia, Project Manager Miguel Resto Oscar Negrón César Rodríguez Roberto Santos
1:30 pm – 2:00pm 	EVONUX – A Complete Entertainment System The design and prototype of a Linux based entertainment system containing a personal TV recorder, media library manager, and video game console combined into one easy to use unit. The unit contains open source components allowing users to customize their system within its limitations.	Guillermo Colón, Project Manager Eric Lugo Israel González Alexis Ortiz
2:00 pm – 2:30pm	Demonstrations/Break	Rumstix, SGMS, Evonux

<p>2:30 pm – 3:00pm</p> 	<p>QwikiMenu: Quicker service in table service restaurants QwikiMenu optimizes the time from order to service in restaurants by providing an electronic programmable menu linked to the kitchen display monitor and to the cash register.</p>	<p>Obed Cabán, Project Manager Dalvin Negrón Daniel López Felipe Soto Josué D. Zapata</p>
<p>3:00 pm – 3:30pm</p> 	<p>iCrib: Hi-Tech Assistance for Today's Parents Nowadays parents have a need to keep on being productive while taking care of their young ones. The iCrib is reasonable and simple solution to give parents a helping hand, bringing the crib into the 21st century.</p>	<p>Miguel A. Morales, Project Manager Benjamin García Cresyi Padilla Rene A. Ocasio Jorge L. Vázquez</p>
<p>3:30 pm – 4:00pm</p> 	<p>Living House: A Web-based Home Automation System This system gives the users the ability to turn on/off any electric appliance by using a web browser from any computer, PDA or cell phone.</p>	<p>Luis Lahoz, Project Manager Felix Cedeño Pedro Lugo Bayoán Alvarado</p>
<p>4:00 pm – 4:30pm</p>	<p>Demonstrations/Break</p>	<p>Qwiki, Icrib, Living House</p>