

	Organization	Description
1	Net Irrigate, Bloomington	Net Irrigate is a start-up company located in Bloomington that the Venture Center has supported over the past several months. NetIrrigate Telemetry Box which is hooked up to an irrigation system. Once the NetIrrigate Telemetry Box is installed, agricultural professionals can monitor irrigation systems via the web and received real-time alerts via cell phone regarding significant irrigation events. Net Irrigate is in need of a custom designed queue for harvesting, parsing, and writing data contained within incoming SMS text messages to an existing database.
2	Handshake LLC, Terre Haute	Facebook Plug-in for current website
3	Paul Ellis Foundation	Remote Desktop Application similar to GoToMYPC based on XMPP and VNC. Requires knowledge of C++, Java and/or Flash
4	Margaret Merkle City of Terre Haute	Vehicle tracking maps for snow plow coverage, leaf pickup. We have GPS logging devices installed in service vehicles, and can show a track on Google Earth of where a vehicle traveled in a shift. I would like to see a map that we can display on our web site that shows where snow plows or leaf pickup trucks have been over a set time period. The data collected from the GPS loggers currently is stored in a SQL Server database.
5	Margaret Merkle City of Terre Haute	Crime reporting web mapping tool. I would like to be able to display those statistics on a map of the city. http://www.chicagocrime.org/ is an example of such a display. Our current police records database doesn't have tools like this built in, so we'd have to generate some sort of data export.
6	Margaret Merkle City of Terre Haute	Web registration and lookup for dog/cat license. The city requires dog and cat licenses, but the process to purchase is not well designed and not at all automated. I would like a web based license application, and a web and possibly a telephone interface where a citizen can look up contact information about a pet's owner from the license tag number
7	Margaret Merkle City of Terre Haute	City council, school, or voting precinct lookup tool. This web form would allow a citizen to type in their address and retrieve the city council district, voting precinct and school district they are located in. The boundary information for these districts is stored in our GIS database.
8	Claude Anderson CSSE	ROSIE'S LIST. Based on the idea of Angie's List, this would be a web site where members of the Rose-Hulman community can share about their experiences with various local contractors and service providers. Posts should NOT be anonymous. Authorization should be via

		Kerberos. Only those with RHIT accounts should be able to post or to read messages. There should be a numerical rating system, as well as verbal comments. There should be various categories (roofing, auto repair, small engine service, painters, etc.), and a place where users can request that the administrators add another category.
9	Claude Anderson CSSE	CSSE 304 "check program" replacement. The old program only worked on sliderule (which is disappearing), and had security holes. I would like to have a web-based program that allows the student to upload the files that are to be graded and gives the same kind of feedback students get now from "check". I expect that the current "back end" Scheme program can still be used as the computational engine for this, perhaps with some slight modifications.
10	Jan Jerrell RHIT Fitness Challenge	A web-based system where participants can enter their exercise logs and get automatically-generated record-keeping for individuals and teams, and automatic "Congrats" messages sent to all participants.
11	Donna Gustafson Assoc. Dean, RHIT	Campus Calendar Model
12	Lakota School District Ohio	Student Driven Improvement Management System to provide academic intervention for students in need. A wonderful service learning opportunity
13	Timothy Chow IRPA/RHIT	Project / Service requests online submission / tracking /report system for IRPA. Requires database skills.