

## **ENPRO 354: Helper Monkey Technologies Inc.**

IIT - Fall '06

### **• ENPRO 354 Objectives:**

(In general) **ENPRO 354** pursues the design development program of Helper Monkey Technology (HMT). In this initial stage, the members of IPRO 354, or HMT, will research into marketing, products, and operations factors and resources; then apply facts and figures to assimilate into the concept of HMT; verifying assumptions and employing the most concrete results to confirm the validity and profitability of HMT. The products of the research and cyclical assimilation and testing will contribute to composing a solid business plan, and a firm "Investors Pitch."

(per Mr. David Detlefsen's proposed ENPRO business concept) "Participants in this EnPRO will study and learn how to work together as a team to model the successes of some of today's most popular and successful on-line technology businesses. Each participant will be an early contributor to the formation of Helper Monkey Technologies Inc.

EnPRO 354 truly embodies the interprofessional ideals of the IPRO program with an opportunity for students from engineering, computer science, psychology, business and design to make significant contributions. Team goals include assessing market potential, capturing customer needs and presenting a business plan, complete with a technology-based solution to be further refined in a follow-up IPRO in Spring 2007. At the heart of the opportunity that is being explored is a Web-based project management application platform that an individual customizes to meet her/his job search needs."

## • **Background:**

(per Mr. David Detlefsen's thesis on HMT)

### **Title**

Controlling Your Own Destiny: Using Technology to Increase the Odds of Job Search Success

### **Sponsor:**

Helper Monkey Technologies (HMT) Inc. – Incorporated in 2006 by an IIT engineering and business school grad student, HMT's mission is to be a market leader in the Employment Services Industry by providing products that help individuals more effectively manage their individual careers and to help coaches more effectively manage the efforts of their clients. With an initial focus on products to facilitate employment transition and effective job seeking, HMT will establish a brand of highly effective, easy to use, products that fill the unmet needs of today's job seekers, coaches, and mentors. Future offerings are envisioned to be products and services that help the individual manage their entire career over a lifetime.

## • **Methodology:**

The HMT team has been sub-divided into research-specific team groups: Marketing, Operations and Products. They will be researching various factors that can verify initial HMT assumptions, and make objectives more concrete by assimilating and testing the data from:

1. Research of firms and companies providing comparable services/programs.
2. Research of similar establishments applying similar and applicable infrastructure components and programs.
3. Research of markets: Demographics, trends, and fads; protocols, policies, and legalities; professional needs and pertinent contexts of employers, employees, and unemployed (our potential clients; business to business [B2B] and business to consumer [B2C]).

4. Research of product development: existing features in the markets, features to be invented, and features to be reinvented; packaging, support and maintenance of features and services; accounting and billing of products.

Integral to the methodology that is being applied in HMT are the IPRO/ENPRO privileges of clinics and resources that will empower HMT to harness the strengths of its multidisciplinary team, and applying effective teamwork practices. A few examples of the concern, support and services provided by the IPRO program are the Team Building conferences, Project Management Clinics, the iGroups and iKNOW tools and resources, and the actual professional networking our faculty advisors and sponsors offer their team to aid their project development. Acquired talents from these exercises and resources are:

1. Effective use of Verbal, Written, and Visual Communication methods
2. Awareness of Ethical Issues and demonstration of appropriate ethical behavior  
Awareness and Application of Business Planning Principles (Entrepreneurial IPRO project teams)

### • **Expected Results:**

Due to the nature of the HMT project being a “design development” program of an incubator enterprise, it is overall understood by the HMT members that the end product will validate the integrity and potential profitability of the business venture (HMT’s catalyst to corporate America).

### • **Project Budget:**

Granted a \$500 budget for research cushion, and IPRO Day Presentation expenses.

• **Schedule of Tasks and Milestones:**

Integral to the IPRO-354 HMT: Microsoft Project Plan program;  
 along with Team members and task assignments, and task deadlines.

(See HMT Microsoft Project Plan)

**FALL 2006 IPRO COURSE ACTIVITIES & DELIVERABLES SCHEDULE**

*(This information is available as an Excel spreadsheet via iGROUPS in a timeline format and is posted in the iGROUPS calendar.)*

Required IPRO Course Activities and Deliverables		Activity (A) Deliverable (D)	Time Investment (hrs)	Due Date	Submit to IPRO Office	Maintain Version in iGROUPS	Upload to iKNOW	Include on “Deliverables CD” at Exhibit on 12/1
1	IPRO Syllabus (instructor uploads to iGROUPS)			September 1				
2	IPRO First Class Briefing Session (intro to IPRO; intro to team tools; required IPRO Learning Objectives Test; IPRO Team Values Setting Task)	A	1.2 5	August 24 to September 1				
3	IPRO Games (half-day high-energy team building event for Fall 2006)	A	4.5 0	August 26				
4	IPRO Project Management Workshop (half-day intro to MS Project and practical project plan development assistance for Fall 2006 projects)	A	4.0 0	September 8 or 9				
5	IPRO Team Values Session (Team Values Task feedback; teamwork survey)	A	0.5 0	September 18 – 22				
6	IPRO Project Plan	D		September 22			x	x
7	Mid-Term Report	D		October 20			x	x

8	Mid-Term Review Session (required IPRO Learning Objectives Test; optional project update by team; optional Peer Evaluation opportunity)	A	0.75	October 16 – 23				
9	IPRO Day Guidelines & Tips Session	A	2.00	November 13				
10	Web Site	D						
11	Exhibit/Poster	D		November 22	TIF/ PDF file	x	x	x
12	Abstract/Brochure	D		November 27	MS Word file	x	x	x
13	Presentation	D		November 29	MS PPT File	x	x	x
14	Final Report	D		November 30		x	x	x
15	Team Work Product; Team Minutes; etc.	D		November 30		x	x	x
16	IPRO Deliverables CD	D		December 1				Contents include all of the above, which are also uploaded to iKNOW.
17	IPRO Projects Day Conference	A	8.00	December 1				
18	IIT Course Evaluation (On-Line)	Per Standard IIT Schedule						
19	IPRO Debriefing Session (facilitated discussion about IPRO experience; teamwork survey)	A	0.75	December 4 – 15				

## HMT Fall'06 Team Roster:

### Contact Info, Team Duty, and General Background

Detlefsen, David	david.d@stuart.iit.edu		HMT Sponsor	Brain Child of HMT Inc
Burstein, Jim	burstein@iit.edu	██████████	Faculty Advisor	Law/Business Professional
Thompson, John	jkt@mktng-sciences.com	██████████	Faculty Advisor	Marketing/Business Professional
Carbon, Joseph	carbjos@iit.edu	██████████	HMT Team Leader; Operations	Information Technologies (Sr.); Minor in Political Science
Fojas, Lloyd	fojallo@iit.edu	██████████	HMT Project Manager; Operations	Architecture Major (Sr.)
Hu, Zhe	huzhe@iit.edu	██████████	Operations	Biomedical Engineering (Ph.D.)
Kutty, Ravi	ravikutty@gmail.com		Products	Computer Engineering (Sr.)
Mastey, Joseph	mastjos@iit.edu	██████████	Marketing	Computer Information System (Sr.); Minor in Entrepreneurship
Mohsih, Hameed	mohsham@iit.edu	██████████	Products	Business Administration (Sr.); Applied Science
Nim, Mohit	mnim@iit.edu	██████████	Marketing	Business Administration(Sr.); Concentration in Finance
Punday, Matthew	pundmat@iit.edu		Marketing Head	Applied Mathematics (Sr.); Minor in Business
Tucci, David	tuccdav@iit.edu	██████████	Products	Computer Information System (Sr.)
Tyagi, Shailvi	tyagsha@iit.edu		Operations Leader	Computer Engineering (Sr.)

#### • The Agenda Maker:

Due to the design development nature of the project itself, the faculty advisors would be the agenda makers.

#### • Weekly Timesheets:

Tracking of individual efforts are programmed in the iGROUPS' personal timesheet tool, so that weekly deliverables of HMT works are accounted for.

#### • Master Schedule Maker:

The IPRO-354 HMT: Microsoft Project Plan program is the Master Schedule governing all agendas--- although it is dynamically flexible to amendments. However, the leader of each sub-team sets the mode in the trenches of their respective initiative.