Language Link

The mission of IPRO 363 is to develop a social networking website that connects IIT students to learn languages, integrate cultures and build friendships. The basis for this solution is an online framework allowing students to build a personal profile, matching people based on common interests, goals, schedules, and other factors, so as to promote and improve language learning via natural every-day interaction and use of languages.

IPRO 363

LANGUAGE LINK

CONNECT IIT STUDENTS TO LEARN LANGUAGES AND MAKE FRIENDS

IPRO 363

LANGUAGE LINK

INTEGRATE CULTURES

Problem

84% of students surveyed want to learn a new language

Languages represented on campus: **30+**

Team Structure

Project Team:

- Manage overall website development
- Conduct surveys and research
- Promote and market the website

Design Team:

- Design logo and website
- Design presentation and other materials for IPRO Day

Development Team:

- Research website building techniques and appropriate matching algorithms
- Build, code, and maintain the Language Link site.

Objectives and Results

Spring 2011 Semester:

- Create full site map and web content
- Secure server space
- Write code for and design for website
- Create matching algorithms
- Promote the project
- Facilitate student testing of prototype
- Complete full prototype

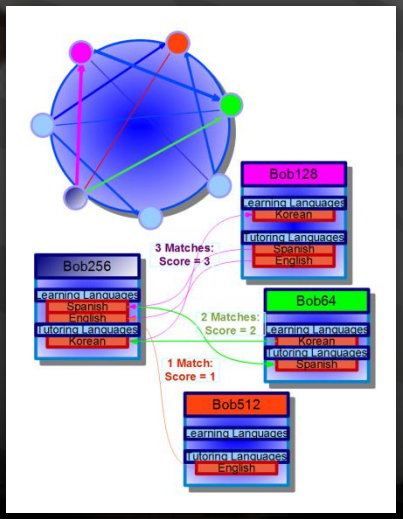

Figure 1 Algorithm Function

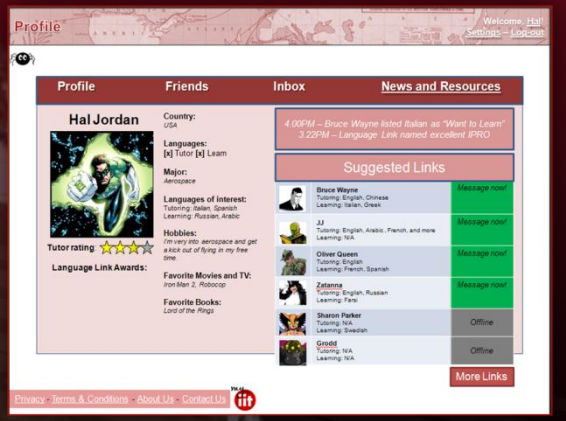

Figure 2 Design Prototype

Future Work

Fall 2011 Semester:

- Chat and messaging features
- Development of algorithm to match according to additional user characteristics
- Further integration with IIT' s international organizations and events, including calendar feature
- User rating system
- Language learning progress tracker
- Full transfer to IIT server followed by launch and management of site