

## **IPRO 347**

### **Ethics Statement**

#### **Overarching Principle:**

Our group will display a professional attitude and conduct in the course of modifying and implementing an information database solution to aid the sponsor company's, Abrasive Form, specific documentation needs.

#### **1. Law**

**Canon:** It is important to obey copyright laws of the database program and program developers.

**Pressure:** To create an adequate and functional database for the company within time restraints.

**Pressure:** To overcome vexing problems currently existing within the database system.

**Risk:** To obtain a copy of the coding for such a database in an illegal manner.

**Measure:** The code for the search engine in the database will be created from scratch with the help of open source sites rather than proprietary software.

#### **2. Contracts**

**Canon:** The group will respect and achieve the sponsor company needs and requirements for the database and other items related to the documentation system.

**Pressure:** To deliver the existing and changing needs of the company in the allotted time.

**Risk:** To feign ignorance of company requirements and not complete them.

**Risk:** To report to the sponsor that certain requirements are impossible to deliver because of difficulty to the group and not due to the database capabilities.

**Measure:** Each requirement for the database will be thoroughly researched, documented, and attempted if feasible.

#### **3. Professional Code**

**Canon:** All group members will conduct themselves in a professional manner.

**Pressure:** To act in a professional capacity to the company.

**Pressure:** Requirements of the project may make it difficult to allow for changes to the system and finish by the deadlines.

**Risk:** The sponsor company's project requirements may be neglected due to difficulty with the project schedule.

**Measure:** Feedback from the company will be integrated throughout the modification and implementation of the database.

#### **4. Industry Standards**

**Canon:** The documentation system solution will achieve all the requirements of the company, all the while keeping in mind the budget set forth by the company.

**Pressure:** To create a documentation system conforming to the needs of the sponsor.

**Pressure:** Time constraints may make doing all that is necessary to ensure the documentation system is functional very difficult.

**Risk:** Delivering a substandard documentation system to the sponsor.

**Measure:** By creating a fully operational system at IIT and testing and documenting the performance of the system we will ensure that the company's requirements are fulfilled.

#### **5. Community**

**Canon:** In the course of the project, the group will not overlook anything that would possibly concern the community, such as work place safety or unsound business practices.

**Pressure:** To be of service to and maintain good relations with the sponsor company.

**Pressure:** To maintain a professional attitude while working on this project, this includes a moral responsibility to community.

**Risk:** To overlook a danger to personnel or the members of the community to avoid causing trouble for the company.

**Measure:** To be forthcoming with concerns about the workings of the company and to attempt to resolve the situation before an incident occurs.

#### **6. Personal Relationships**

**Canon:** Each member will work to the best of their abilities toward this project and will set aside time to be available to the group.

**Pressure:** The added work of an IPRO interfering with a full academic schedule.

**Risk:** The group does not work effectively together.

**Risk:** Pushing large amounts of work onto others because of apathetic behavior.

**Measure:** Each person is accountable to the tasks he or she is assigned and the deadlines that accompany them.

#### **7. Personal/Moral Values**

**Canon:** To work at the best of one's abilities on the given tasks and to not manipulate the project to yield personal gain.

**Pressure:** Finishing the assigned work to meet the set deadlines.

**Pressure:** The group has access to and the ability to alter company information. The group also has knowledge of manufacturing techniques and job processing procedures that would be valuable to the rival corporations.

**Risk:** Selling sensitive information to competitors for personal gain.

**Measure:** Each person will sign a confidentiality form making them accountable to the company and make a commitment to the team regarding all aspects of this IPRO.