****Ontology Requirements Specification Document: Final Year Project (FYP) Process****

****1. Purpose****

The purpose of this ontology is to model the Final Year Project (FYP) process within the Department of Computer Science.

It aims to provide a clear and unambiguous representation of the FYP process to facilitate understanding and management.

****2. Scope****

The ontology will cover the key stages, roles, deliverable, and evaluation aspects of the FYP process, from project initiation to completion.

****3. Intended Users****

* Students
* Supervisors
* Project Managers
* Department

****4. Intended Uses****

* ****For Students:**** To easily understand the FYP process.
* ****For the Department:**** To explain the FYP process to each batch of students.
* ****For Supervisors and Project Managers:**** To evaluate students and their projects.
* ****For All Users:**** To understand and remove any ambiguity in the FYP process.
* To provide a documentation guide and help in project implementation.

****5. Functional Requirements: Groups of Competency Questions****

****5.1 Students****

* What is your FYP project?
* Is it compulsory?
* What aspects of what you have learned in your degree will it encompass?
* What domains can we choose for the project?
* Can we choose any domain of Computer Science?
* What skills do you require? Any skill which you have learned in your degree?
* What documentation will you develop or perform in your project?
* What documents are needed to be made in the process?
* What will be the deadline for documentation?
* When will it be evaluated?
* Who will take the viva?
* What is the FYP process? What steps do we need to do in each activity?
* What flow to maintain? (Ans: Documentation to implementation, then evaluation, then deployment, testing, and so on)
* Who will evaluate? (Ans: Can be any internal or external professor)
* How can we help students? (Ans: By giving them help in any domain of your comfort zone)
* How will I lead the project as a supervisor? (Ans: By ensuring that the student is working semester-wise and helping him/her in any difficulty)

****5.2 Department****

* What is the FYP process? (Ans: FYP consists from documentation to implementation of your project)
* How this process can help? (Ans: It will help them in understanding the process better)
* What benefits do we have for students? (Ans: To make less hassle in the department in making students understand the process)
* What is the department's role in FYP? (Ans: To provide students with any resources they need)

****5.3 Supervisor****

* What is my role?
* How can I improve it?

****5.4 Project Manager****

* What is my role? (Ans: To check everything is working timely, assigning, and evaluating students)
* How can I evaluate students? (Ans: By evaluating project scope, by considering students with modern and updated technology)
* Which things to consider while evaluating? (Ans: By rationally marking and by evaluating how much hard work a student has done correctly)

**Non-Functional Requirements:**

* Must adhere to timelines and deadlines.
* Must be well-documented.
* Should exhibit originality and innovation.

****6. Pre-Glossary of Terms****

****6.1 Terms from Competency Questions****

* FYP
* Project
* Domain
* Skills
* Documentation
* Process
* Evaluation
* Viva
* Implementation
* Deployment
* Testing
* Role
* Supervisor
* Student
* Department
* Project Manager

****6.2 Terms from Answers****

* (Terms from answers are embedded within the answers in the competency questions section above)

****6.3 Objects****

* (Objects would be specific instances, tools, or resources relevant to the FYP process within the department, and these are not explicitly listed in the provided text.)
* This ORSD captures the essence of the FYP process as described in your provided text.