

# **SE 110: Software Engineering**

**Spring 2012**

**Project Proposal**

**On**

**UML Evaluation Platform**

By:

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**Problem Statement:** Automatic evaluation of Activity Diagrams .

## **Abstract**

Most of the on-line examination systems have not addressed requirement of subjective evaluation. This system is an attempt to fulfill the requirements of subjective evaluation.

There will be three types of users interacting with this system:

- 1.Faculties
- 2.Students
- 3.Examiners

Faculties will be allowed to:

- Set the question paper in the activity diagram domain.
- Create/Edit question paper.

Students will be allowed to:

- Answer the question paper.
- Retrieve the marks of examination.

Examiners will be allowed to:

- Evaluate answer sheets

## **Software and hardware Requirement:**

Platform used for the proposed system can be categorized into two parts

- During development stage
- At runtime environment

### **Development stage:**

- Hardware used: Pentium 4 Processor, 20 GB Hard Disk Drive, 256 MB RAM.
- Software used: JSP, XML, XSLT, MySQL, Jakarta tomcat 5.0.28

### **Runtime environment:**

- **At server end**

- Hardware: Pentium 4 Processor, 200 GB Hard Disk Drive, 512 MB RAM.
- Software: J2SE Runtime Environment 5.0 , Apache Tomcat Server , MySQL

- **At client end**

- Hardware: A PC with Internet/Intranet connectivity.
- Software: Web browser with JSP support.

Faculty Supervisor: Prof. Chandrashekhhar Ramanathan

Signature of Faculty Supervisor: