



K. K. WAGH POLYTECHNIC, NASHIK.

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DEPARTMENT OF COMPUTER TECHNOLOGY

Proposal for Micro-Project

Academic Year: 2022-23

Course: Software Engineering (SEN)

Semester: 4 Class: SYCM-I

Institute Code: 0078

Program: Computer Technology

Course Code: 22413 Scheme: I

Date of Proposal: 29/03/2023

Title of Micro-Project: Study of Quality Evaluation Standards

Problem Definition: The study of quality evaluation standards involves analyzing and assessing the criteria, guidelines, and procedures used to measure and ensure the quality of products, services, or processes. This study aims to identify and evaluate existing quality evaluation standards and their effectiveness, as well as to propose recommendations for improving and developing new standards to meet evolving needs and expectations.

1.0 Aim/Objectives/ Benefits of the Micro-Project:

The Aim/Objectives of the Micro-project is:

- To review and analyze existing quality evaluation standards in a particular industry or field.
- To identify the strengths and weaknesses of current quality evaluation standards and their impact on quality assurance and improvement.
- To assess the effectiveness of quality evaluation standards in meeting customer expectations and industry requirements.
- To propose recommendations for improving and developing new quality evaluation standards to address emerging challenges and opportunities.
- To evaluate the implementation and compliance of quality evaluation standards in organizations and industries.
- To explore the role of technology in enhancing the efficiency and accuracy of quality evaluation standards.
- To examine the ethical, social, and environmental implications of quality evaluation standards and their impact on sustainable development.

2.0 Course Outcomes addressed (COs):

CO.1: Estimate size and cost of software product.

CO.2: Use Software modelling to create data designs.

CO.3: Apply project management and quality assurance principles in software development.

3.0 Proposed Methodology:

1. Discussing on various topics and finalized one topic of study of quality evaluation standards.
2. Discussing with guide about micro-project content.
3. Distributing the work among team members.
4. Collecting the information about this micro-project.
5. Conducting a literature review to identify existing quality evaluation standards and their criteria.
6. Analyzing case studies of organizations that have implemented these standards to evaluate their effectiveness.
7. Interviewing experts in the field of quality evaluation to gather insights on the strengths and weaknesses of existing standards.
8. Developing a survey to gather feedback from stakeholders on their experiences with quality evaluation standards.
9. Analyzing the survey data to identify areas where improvements can be made to existing standards or where new standards are needed.
10. Developing recommendations for improving existing standards or developing new ones based on the findings of the study.
11. Preparing softcopy of micro-project.
12. Verifying the soft copy to guide.
13. Finalizing the content of micro-project.
14. Printing the hard copy of micro-project.
15. Finally submitting the hard copy of our micro project

4.0 Action Plan:

S. No.	Details of activity	Planned Start date	Planned Finish date	Name of Responsible Team Members
1	Searching & finalizing microproject topic.	07/02/2023	14/02/2023	All members
2	Collecting the relevant information about this micro-project.	14/02/2023	28/02/2023	All members
3	Understand the concept of study of quality evaluation standards	28/02/2023	14/03/2023	All members
4	Discuss with group members about microproject	14/03/2023	28/03/2023	All members
5	Preparing a micro project proposal	28/03/2023	04/04/2023	All members
6	Preparing a final brief report using MS word.	04/04/2023	18/04/2023	All members
7	Presentation & Viva of micro project	18/04/2023	25/04/2023	All members

5.0 Resources Required:

S. No.	Name of Resource/material	Specifications	Qty	Remarks
1	Laptop	HP Elitebook 830 g3-Intel(R) Core(TM) i5, 8 GB installed RAM,SSD-256 GB, HDD-1TB	01	For project work
2	Operating System	Windows 11 Pro x64 bit	01	For project work
3	Other software	Microsoft Office Word	01	For documentation
4	Reference book:	<ul style="list-style-type: none"> Software Testing and Quality Assurance Quality Software Management 	02	For studying SEN concepts
5	Websites	https://www.sei.cmu.edu/ https://standards.ieee.org/ https://www.sqe.com/	03	For referring sample material & concept

Name of Team Members:

Enrolment No.	Roll No.	Name of Students	Signature
2100780077	06	Baldota Kalash Sachin	
2100780081	10	Bhalerao Mukunda Chandrashekhar	
2100780086	15	Dhakane Aditya Arun	

Date: 28/03/2023

 Evaluated by: Signature of Guide: _____
 Name of Guide: Ms. S.M.Derle