
		SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>ASSIGNMENT -4</u> (SET -1)	FORM NO	
BRANCH	CSE		REV. NO	
SEMESTER	VI-1,2,3		REV. DT	
NAME OF THE FACULTY: PROF.ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604				


Write down the software and hardware requirement of the following types of software projects.
Give an example of software product of each type.

1. Mobile Development App
2. Cloud Computing based product
3. IoT Based Products
4. Full Stack Development
5. Windows Desktop Development


		SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>ASSIGNMENT -4</u> SET -2		FORM NO	
				REV. NO	
BRANCH	CSE			REV. DT	
SEMESTER	VI-1,2,3	NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			

Draw the work breakdown structure for the following requirement.

This project is on detecting the gender and predicting the age identified as a classification problem. The goal is to create a system that can analyze a person's photograph and determine their age and gender. Python and the OpenCV library can be used to implement Convolutional Neural Networks that can be used for this project. Remember that factors like cosmetics, lighting, and facial expressions will make this difficult.


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				REV. NO	
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BRANCH	CSE	NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			
SEMESTER	VI-1,2,3				

1. What do you understand by low level design?
2. How it is advantageous to the software project development?
3. Discuss the different types of low level design used in software development project.


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BRANCH	CSE	NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			
SEMESTER	VI-1,2,3				

What do you understand by risk management and monitoring plan? Explain risk associated with the following types of project?

1. Cloud computing project
2. IoT Projects
3. Machine Learning Projects


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BRANCH	CSE	NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			
SEMESTER	VI-1,2,3				

1. What do you understand by system architecture?
2. Explain the role played by system architecture in any machine learning project.

		SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>ASSIGNMENT -6</u> (SET -6)	FORM NO	
BRANCH	CSE		REV. NO	
SEMESTER	VI-1,2,3		REV. DT	
NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604				


Explain how cloud computing can impact the following aspect of a project.

1. Economic concerns
2. Security Concerns
3. Technical concerns
4. Reliability Concerns
5. Staff Training Concerns


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				REV. NO	
				REV. DT	
BRANCH	CSE	NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			
SEMESTER	VI-1,2,3				

Identify the core metrics for the following activity in the project.

1. Software Size
2. Work and progress
3. Cost and Expenditure
4. Robustness of software


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BRANCH	CSE	ME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			
SEMESTER	VI-1,2,3				

1. What do you understand by indicator?
2. Differentiate between management indicator and quality indicator.

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				REV. DT	
BRANCH	CSE	NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			
SEMESTER	VI-1,2,3				

How does the size of the software development affect the process? Define the following terms.

- 1.Source Line of Code
- 2.Function Points
- 3.Number of person month

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				REV. DT	
BRANCH	CSE	NAME OF THE FACULTY: PROF. ABHUDAY TRIPATHI SUBJECT/CODE : PROJECT MANAGEMENT / CS-604			
SEMESTER	VI-1,2,3				

1. What are the factors that affects the process of any organization?
2. Define process discriminants.