



KSIT Bengaluru

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ASSIGNMENT QUESTIONS

Academic Year	2022-2023		
Batch	2022-2026		
Year/Semester/Section	I/II/D&E		
Subject Code-Title	BIDTK258 – INNOVATION & DESIGN THINKING		
Name of the Instructor	Mr. Krishna Gudi	Dept	CSE

Assignment No: 2		Total marks: 20	
Date of Issue: 28/07/2023		Date of Submission: 11/08/2023	
Sl.No	Assignment Questions	K Level	Marks
1.	<p>A financial services company is experiencing challenges in meeting customer demands and delivering quality software products on time. The company has been using the traditional Waterfall software development model, which is causing delays, poor communication, and lack of flexibility in responding to changing customer requirements. The company is considering adopting an Agile software development approach to address these challenges.</p> <p>a. Analyze the Agile software development approach and its effectiveness in addressing the challenges faced by ABC Inc.</p> <p>b. Determine the impact of the Agile approach on project timelines, software quality, and customer satisfaction.</p>	Applying	10
2.	<p>Situation: A big software development company has decided to switch their project management approach from a traditional Waterfall approach to an Agile approach because the excess of bureaucracy and documentation has had a terrible impact in the organizational culture and business results. They want to adopt the Scrum methodology for the entire organization starting with the IT team. They call you to advise them on how to implement Scrum. You have to do a workshop on Scrum for the company's project managers, business managers, software developers and the Chief Technology Officer.</p> <p>a. How you will convince the CTO to test the Scrum methodology with his team as a pilot to use it with the entire company by drafting a pitch and presenting it to the group in a discussion forum.</p> <p>b. Why should your company use the scrum methodology?</p>	Applying	10