EAI-TH _Assignment#03-26Mar25

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Explainable AI (XAI) focuses on making AI models and their decisions transparent and understandable to humans, fostering trust and accountability by providing insights into the reasoning behind AI outputs.

Here's a more detailed explanation:

Purpose:

XAI aims to bridge the gap between complex AI algorithms and human understanding, allowing users to comprehend how and why AI systems arrive at their conclusions.

Why it's important:

In many applications, especially those involving critical decisions (e.g., healthcare, finance), understanding the reasoning behind AI predictions is crucial for building trust and ensuring fairness and accountability.

Write the answer of following questions in HANDWRITTEN manner.

Scan this answer and paste it on Page 2 of this document.

- Q1 What is the need of Explainable AI (XAI)? What are the design aspects of XAI?
- Q2 What are the components of XAI system in Healthcare?
- Q3 Analyse various aspects of XAI in City Design. What are the benefits of XAI in city design.

PASTE YOUR SCANNED ANSWER HERE:

| Name!-Kalpak Kulkarni Roll Mo!-27101A0ptale |
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